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Crop Production

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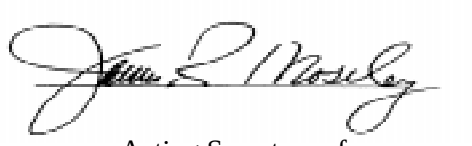
Corn Production Up 1 Percent from October
Soybean Production Up 1 Percent
All Cotton Production Up 1 Percent

Corn production is forecast at 9.55 billion bushels, up 1 percent from last month but down 4 percent from 2000. Based on conditions as of November 1, yields are expected to average 138.0 bushels per acre, up 1.7 bushels from October. If realized, this would be the fourth largest production and second highest yield on record. Farmers in Iowa, Minnesota, and Nebraska found larger than expected yields as late planted fields reached maturity under ideal conditions and harvest accelerated after mid-October. Yield prospects in Illinois, Indiana, Ohio, and Wisconsin remained high despite heavy October precipitation that slowed harvest.

Soybean production is forecast at a record high 2.92 billion bushels, up 1 percent from October 1, and 6 percent above 2000. Based on November 1 conditions, yields are expected to average 39.4 bushels per acre, up 0.2 bushel from last month and 1.3 bushels above 2000. Acreage for harvest is estimated at a record high 74.1 million acres, unchanged from last month but up 2 percent from 2000. Yield increases in the Great Plains and Mississippi Valley regions more than offset yield decreases in the northern mid-Atlantic States and Ohio.

All cotton production is forecast at 20.2 million 480-pound bales, up 1 percent from last month and up 17 percent from 2000. Yield is expected to average 685 pounds per harvested acre, up 4 pounds from last month. Lower production forecasts in Alabama, Louisiana, Mississippi, and Texas were more than offset by increased production forecasts in California, Georgia, Missouri, New Mexico, North Carolina, and Tennessee. Production levels in Louisiana and Mississippi have been adversely affected by extremely wet conditions, resulting in above average harvest loss. Harvested acreage, at 14.1 million acres, is virtually unchanged from October 1. The only change occurred on Arizona Pima acreage, as 1,500 additional acres were added based on administrative data.

This report was approved on November 9, 2001.



Acting Secretary of
Agriculture
James R. Moseley

Agricultural Statistics Board
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Frederic A. Vogel

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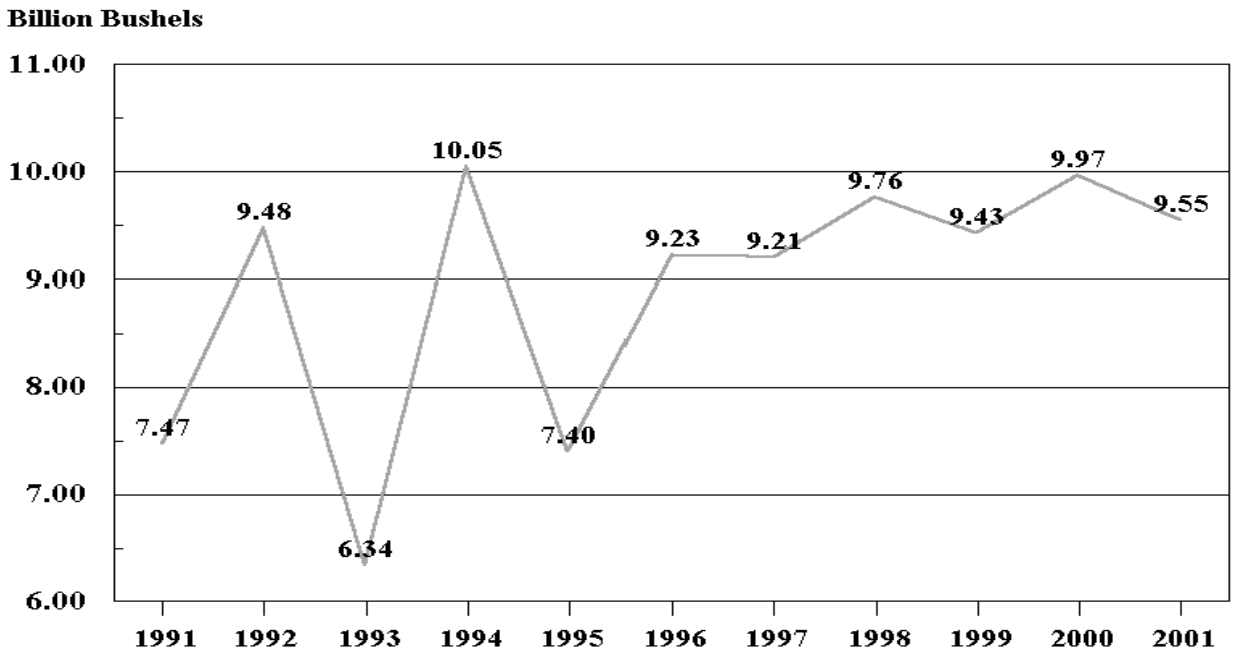
Corn for Grain: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

State	Area Harvested		Yield			Production	
	2000	2001	2000	2001		2000	2001
				Oct 1	Nov 1		
	1,000 Acres	*1,000 Acres*	*Bushels*	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*
AL	165	170	65.0	114.0	114.0	10,725	19,380
AR	175	175	130.0	145.0	145.0	22,750	25,375
CA	235	185	170.0	170.0	170.0	39,950	31,450
CO	1,180	1,090	127.0	138.0	138.0	149,860	150,420
DE	156	162	162.0	144.0	144.0	25,272	23,328
GA	300	220	107.0	126.0	123.0	32,100	27,060
IL	11,050	10,750	151.0	149.0	150.0	1,668,550	1,612,500
IN	5,550	5,750	147.0	160.0	160.0	815,850	920,000
IA	12,000	11,500	145.0	141.0	147.0	1,740,000	1,690,500
KS	3,200	3,100	130.0	132.0	132.0	416,000	409,200
KY	1,230	1,180	130.0	140.0	140.0	159,900	165,200
LA	370	270	116.0	142.0	142.0	42,920	38,340
MD	405	430	155.0	138.0	138.0	62,775	59,340
MI	1,970	1,950	124.0	92.0	96.0	244,280	187,200
MN	6,600	6,200	145.0	129.0	130.0	957,000	806,000
MS	385	370	100.0	130.0	130.0	38,500	48,100
MO	2,770	2,570	143.0	136.0	136.0	396,110	349,520
NE	8,050	7,900	126.0	138.0	140.0	1,014,300	1,106,000
NJ	75	68	134.0	113.0	113.0	10,050	7,684
NM	73	62	160.0	170.0	170.0	11,680	10,540
NY	480	540	98.0	95.0	103.0	47,040	55,620
NC	650	620	116.0	122.0	122.0	75,400	75,640
ND	930	660	112.0	110.0	110.0	104,160	72,600
OH	3,300	3,150	147.0	143.0	144.0	485,100	453,600
OK	270	230	140.0	125.0	120.0	37,800	27,600
PA	1,080	1,040	127.0	94.0	94.0	137,160	97,760
SC	280	260	65.0	102.0	102.0	18,200	26,520
SD	3,850	3,400	112.0	116.0	114.0	431,200	387,600
TN	590	570	114.0	132.0	133.0	67,260	75,810
TX	1,900	1,420	124.0	115.0	115.0	235,600	163,300
VA	330	270	146.0	121.0	118.0	48,180	31,860
WA	100	65	185.0	175.0	175.0	18,500	11,375
WI	2,750	2,600	132.0	128.0	131.0	363,000	340,600
Oth Sts [1]	283	264	145.5	145.8	145.8	41,186	38,491
US	72,732	69,191	137.1	136.3	138.0	9,968,358	9,545,513

[1] Other States include AZ, FL, ID, MT, OR, UT, WV, and WY. Individual State level estimates will be published in the "Crop Production 2001 Summary".

U.S. Corn Production



Sorghum for Grain: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

State	Area Harvested		Yield			Production	
	2000	2001	2000	2001		2000	2001
				Oct 1	Nov 1		
	1,000 Acres	*1,000 Acres*	*Bushels*	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*
AR	140	150	71.0	86.0	86.0	9,940	12,900
CO	210	300	31.0	36.0	40.0	6,510	12,000
IL	85	87	95.0	90.0	95.0	8,075	8,265
KS	3,200	3,750	59.0	62.0	62.0	188,800	232,500
LA	215	235	83.0	79.0	82.0	17,845	19,270
MO	270	230	92.0	93.0	94.0	24,840	21,620
NE	500	450	70.0	88.0	84.0	35,000	37,800
NM	65	180	25.0	45.0	50.0	1,625	9,000
OK	360	420	38.0	37.0	35.0	13,680	14,700
SD	120	155	49.0	60.0	60.0	5,880	9,300
TX	2,350	2,600	61.0	55.0	55.0	143,350	143,000
Oth Sts [1]	208	220	69.8	74.0	74.5	14,525	16,400
US	7,723	8,777	60.9	61.0	61.2	470,070	536,755

[1] Other States include AL, AZ, CA, DE, GA, KY, MD, MS, NC, PA, SC, TN, and VA. Individual State level estimates will be published in the "Crop Production 2001 Summary".

Rice: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

State	Area Harvested		Yield			Production	
	2000	2001	2000	2001		2000	2001
				Oct 1	Nov 1		
	1,000 Acres	*1,000 Acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 Cwt*	*1,000 Cwt*
AR	1,410	1,607	6,110	6,200	6,200	86,112	99,634
CA	548	471	7,940	7,900	8,200	43,521	38,622
LA	480	545	5,080	5,400	5,400	24,402	29,430
MS	218	248	5,900	6,500	6,500	12,862	16,120
MO	169	205	5,700	5,800	5,850	9,633	11,993
TX	214	214	6,700	6,500	6,500	14,342	13,910
US	3,039	3,290	6,281	6,328	6,374	190,872	209,709

Rice: Production by Class, United States, 1999-2000 and Forecasted November 1, 2001

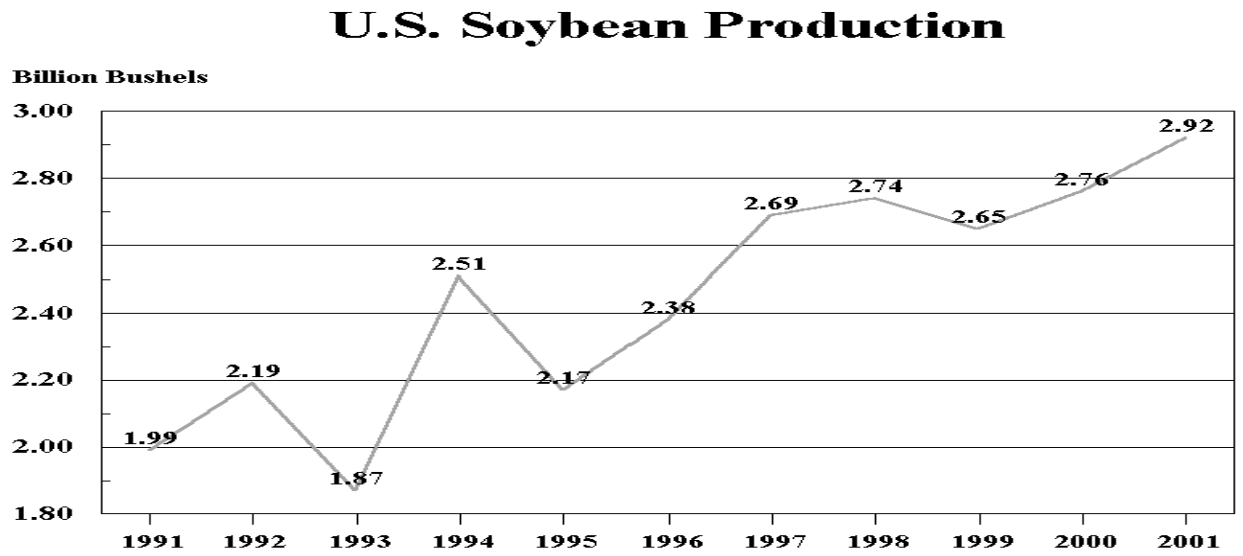
Year	Long Grain	Medium Grain	Short Grain	All
	1,000 Cwt	*1,000 Cwt*	*1,000 Cwt*	*1,000 Cwt*
1999	151,863	50,540	3,624	206,027
2000	128,756	59,514	2,602	190,872
2001 [1]	162,260	45,584	1,865	209,709

[1] Indicated November 1, 2001, rice class estimates are based on a 5-year average of class percentages.

Soybeans for Beans: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

State	Area Harvested		Yield			Production	
	2000	2001	2000	2001		2000	2001
				Oct 1	Nov 1		
	1,000 Acres	*1,000 Acres*	*Bushels*	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*
AL	160	150	18.0	32.0	32.0	2,880	4,800
AR	3,150	2,950	25.5	33.0	33.0	80,325	97,350
DE	213	206	43.0	36.0	38.0	9,159	7,828
GA	140	160	24.0	26.0	28.0	3,360	4,480
IL	10,450	10,950	44.0	44.0	44.0	459,800	481,800
IN	5,480	5,780	46.0	49.0	49.0	252,080	283,220
IA	10,680	10,950	43.5	43.0	44.0	464,580	481,800
KS	2,500	2,900	20.0	30.0	32.0	50,000	92,800
KY	1,160	1,240	39.0	41.0	41.0	45,240	50,840
LA	850	670	24.0	32.0	33.0	20,400	22,110
MD	515	510	43.0	39.0	40.0	22,145	20,400
MI	2,030	2,190	36.0	30.0	30.0	73,080	65,700
MN	7,150	7,000	41.0	37.0	36.0	293,150	252,000
MS	1,580	1,270	22.0	34.0	34.0	34,760	43,180
MO	5,000	4,900	35.0	35.0	37.0	175,000	181,300
NE	4,575	4,825	38.0	44.0	44.0	173,850	212,300
NJ	98	103	40.0	34.0	33.0	3,920	3,399
NY	132	138	33.0	38.0	34.0	4,356	4,692
NC	1,360	1,300	32.5	32.0	32.0	44,200	41,600
ND	1,850	2,270	32.0	34.0	33.0	59,200	74,910
OH	4,440	4,690	42.0	43.0	42.0	186,480	196,980
OK	290	350	15.0	15.0	17.0	4,350	5,950
PA	385	425	43.0	38.0	37.0	16,555	15,725
SC	430	440	25.0	24.0	24.0	10,750	10,560
SD	4,370	4,250	35.0	33.0	33.0	152,950	140,250
TN	1,150	1,050	25.0	35.0	35.0	28,750	36,750
TX	260	260	27.0	27.0	27.0	7,020	7,020
VA	480	500	38.5	33.0	33.0	18,480	16,500
WI	1,500	1,680	40.0	38.0	39.0	60,000	65,520
Oth Sts [1]	30	30	33.0	36.0	38.3	990	1,150
US	72,408	74,137	38.1	39.2	39.4	2,757,810	2,922,914

[1] Other States include FL and WV. Individual State level estimates will be published in the "Crop Production 2001 Summary".



Peanuts: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

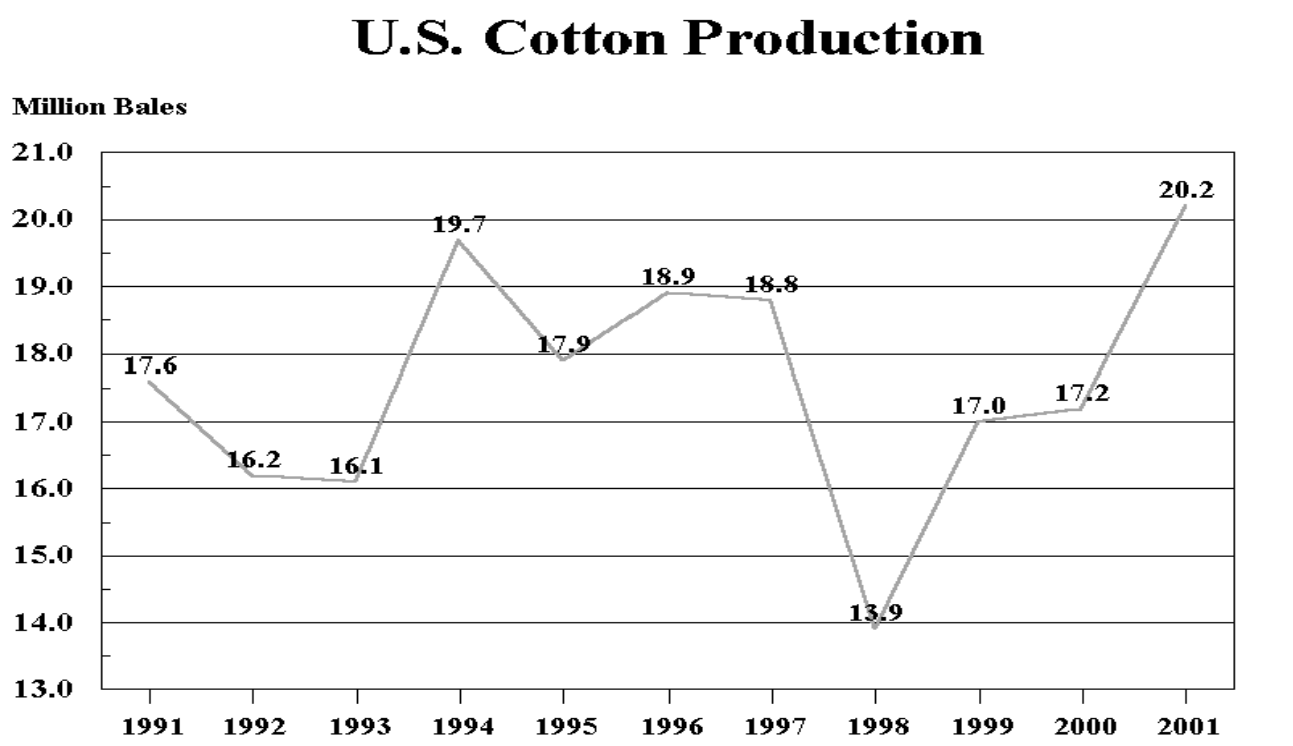
State	Area Harvested		Yield			Production [1]	
	2000	2001	2000	2001		2000	2001
				Oct 1	Nov 1		
	1,000 Acres	*1,000 Acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 Pounds*	*1,000 Pounds*
AL	182.0	189.0	1,490	2,600	2,700	271,180	510,300
FL	86.0	87.0	2,485	2,900	3,000	213,710	261,000
GA	492.0	477.0	2,700	3,000	3,350	1,328,400	1,597,950
NM	26.0	24.0	2,115	2,500	2,800	54,990	67,200
NC	123.0	123.0	2,750	2,900	3,000	338,250	369,000
OK	67.0	75.0	1,800	2,200	2,200	120,600	165,000
SC	10.0	10.5	2,950	2,900	2,900	29,500	30,450
TX	275.0	330.0	2,540	2,600	2,800	698,500	924,000
VA	75.0	75.0	2,805	3,000	3,100	210,375	232,500
US	1,336.0	1,390.5	2,444	2,783	2,990	3,265,505	4,157,400

[1] Estimates comprised of quota and non-quota peanuts.

Cottonseed: Production, United States, 1999-2000 and Forecasted November 1, 2001

State	Production		
	1999	2000	2001 [1]
	1,000 Tons	*1,000 Tons*	*1,000 Tons*
US	6,353.5	6,435.6	7,573.2

[1] Based on a 3-year average lint-seed ratio.



Cotton: Area Harvested, Yield, and Production by Type, State, and United States, 2000 and Forecasted November 1, 2001

Type and State	Area Harvested		Yield			Production [1]	
	2000	2001	2000	2001		2000	2001
				Oct 1	Nov 1		
	1,000 Acres	*1,000 Acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 Bales [2]*	*1,000 Bales [2]*
Upland							
AL	530.0	605.0	492	742	730	543.0	920.0
AZ	278.0	278.0	1,366	1,260	1,260	791.0	730.0
AR	950.0	1,080.0	720	778	778	1,425.0	1,750.0
CA	770.0	655.0	1,378	1,392	1,429	2,210.0	1,950.0
GA	1,350.0	1,490.0	591	680	709	1,663.0	2,200.0
LA	695.0	855.0	629	595	578	911.0	1,030.0
MS	1,280.0	1,630.0	642	751	742	1,711.0	2,520.0
MO	388.0	395.0	668	753	790	540.0	650.0
NM	67.0	70.0	724	789	823	101.0	120.0
NC	925.0	975.0	742	729	763	1,429.0	1,550.0
OK	145.0	200.0	503	504	504	152.0	210.0
SC	290.0	296.0	627	649	649	379.0	400.0
TN	565.0	605.0	603	666	690	710.0	870.0
TX	4,400.0	4,500.0	430	469	459	3,940.0	4,300.0
VA	108.0	104.0	738	743	743	166.0	161.0
Oth Sts [3]	143.0	161.0	430	584	584	128.2	196.0
US	12,884.0	13,899.0	626	672	675	16,799.2	19,557.0
Amer-Pima							
AZ	4.9	7.5	705	960	960	7.2	15.0
CA	144.0	209.0	1,154	1,286	1,286	346.3	560.0
NM	4.1	7.0	539	686	686	4.6	10.0
TX	16.0	17.0	930	932	932	31.0	33.0
US	169.0	240.5	1,105	1,235	1,233	389.1	618.0
All							
AL	530.0	605.0	492	742	730	543.0	920.0
AZ	282.9	285.5	1,354	1,254	1,253	798.2	745.0
AR	950.0	1,080.0	720	778	778	1,425.0	1,750.0
CA	914.0	864.0	1,342	1,367	1,394	2,556.3	2,510.0
GA	1,350.0	1,490.0	591	680	709	1,663.0	2,200.0
LA	695.0	855.0	629	595	578	911.0	1,030.0
MS	1,280.0	1,630.0	642	751	742	1,711.0	2,520.0
MO	388.0	395.0	668	753	790	540.0	650.0
NM	71.1	77.0	713	779	810	105.6	130.0
NC	925.0	975.0	742	729	763	1,429.0	1,550.0
OK	145.0	200.0	503	504	504	152.0	210.0
SC	290.0	296.0	627	649	649	379.0	400.0
TN	565.0	605.0	603	666	690	710.0	870.0
TX	4,416.0	4,517.0	432	471	460	3,971.0	4,333.0
VA	108.0	104.0	738	743	743	166.0	161.0
Oth Sts [3]	143.0	161.0	430	584	584	128.2	196.0
US	13,053.0	14,139.5	632	681	685	17,188.3	20,175.0

[1] Production ginned and to be ginned.
[2] 480-Lb. net weight bales.
[3] Other States include FL and KS. Individual State level estimates will be published in the "Crop Production 2001 Summary".

Lentils: Area Planted, Harvested, Yield, and Production by State and United States, 2000-2001

State	Area Planted		Area Harvested	
	2000	2001	2000	2001
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
ID	65.0	54.0	64.0	53.0
MT	22.0	22.0	21.0	21.0
ND	45.0	45.0	44.0	44.0
WA	85.0	80.0	85.0	80.0
US	217.0	201.0	214.0	198.0

	Yield		Production		
	2000	2001	1999	2000	2001
	Pounds	*Pounds*	*1,000 Cwt*	*1,000 Cwt*	*1,000 Cwt*
ID	1,450	1,500	840	928	795
MT	1,000	1,200	208	210	252
ND	1,400	1,370	364	616	603
WA	1,500	1,600	975	1,275	1,280
US	1,415	1,480	2,387	3,029	2,930

Dry Edible Peas: Area Planted, Harvested, Yield, and Production by State and United States, 2000-2001 [1]

State	Area Planted		Area Harvested	
	2000	2001	2000	2001
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
ID	25.0	24.0	24.0	23.0
MT	28.0	25.0	24.0	17.5
ND	66.0	90.0	62.0	86.0
OR	4.0	4.8	4.0	4.8
WA	65.0	62.0	65.0	62.0
US	188.0	205.8	179.0	193.3

	Yield		Production		
	2000	2001	1999	2000	2001
	Pounds	*Pounds*	*1,000 Cwt*	*1,000 Cwt*	*1,000 Cwt*
ID	1,900	2,000	1,007	456	460
MT	970	1,800	406	233	315
ND	2,170	2,020	1,102	1,345	1,737
OR	2,500	1,000		100	48
WA	2,100	2,000	2,222	1,365	1,240
Oth Sts [2]			36		
US	1,955	1,966	4,773	3,499	3,800

[1] Excludes both wrinkled seed peas and Austrian winter peas.
[2] NV and OR. NV discontinued in 2000.

Austrian Winter Peas: Area Planted, Harvested, Yield, and Production by State and United States, 2000-2001

State	Area Planted		Area Harvested	
	2000	2001	2000	2001
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
ID	4.0	4.5	3.7	4.0
MT [1]		9.8		2.5
OR	1.2	1.5	0.4	0.6
US	5.2	15.8	4.1	7.1

	Yield		Production		
	2000	2001	1999	2000	2001
	Pounds	*Pounds*	*1,000 Cwt*	*1,000 Cwt*	*1,000 Cwt*
ID	1,800	1,700	56	67	68
MT [1]		720			18
OR	1,500	1,500	4	6	9
US	1,780	1,338	60	73	95

[1] Estimates began in 2001.

Tobacco: Area Harvested, Yield, and Production by State and United States, 1999-2000 and Forecasted November 1, 2001

State	Area Harvested		Yield		Production		
	2000	2001	2000	2001	1999	2000	2001
	Acres	*Acres*	*Pounds*	*Pounds*	*1,000 Pounds*	*1,000 Pounds*	*1,000 Pounds*
CT	1,600	2,350	1,531	1,694	5,470	2,450	3,980
FL	4,500	4,500	2,550	2,600	15,312	11,475	11,700
GA	31,000	27,000	2,220	2,400	64,020	68,820	64,800
IN	3,800	3,100	2,100	2,150	11,700	7,980	6,665
KY	132,700	125,700	2,133	2,258	408,492	283,065	283,780
MD	5,700	1,700	1,450	1,400	9,100	8,265	2,380
MA	550	1,050	836	1,786	2,327	460	1,875
MO [1]	1,400	1,400	2,120	2,200	4,635	2,968	3,080
NC	170,400	171,500	2,386	2,519	448,980	406,500	432,075
OH	7,500	5,600	1,760	2,110	17,052	13,200	11,816
PA	5,100	2,900	1,994	1,998	11,170	10,170	5,794
SC	34,000	32,000	2,390	2,450	78,000	81,260	78,400
TN	46,020	41,220	2,085	2,140	122,601	95,958	88,230
VA	25,900	28,400	2,186	2,223	88,855	56,613	63,140
WV [1]	1,300	1,300	1,200	1,400	2,160	1,560	1,820
WI	960	1,520	2,348	2,116	2,818	2,254	3,216
US	472,430	451,240	2,229	2,355	1,292,692	1,052,998	1,062,751

[1] Estimates for current year carried forward from an earlier forecast.

Tobacco: Area Harvested, Yield, and Production by Class, Type, State, and United States, 2000 and Forecasted November 1, 2001

Class and Type	Area Harvested		Yield		Production	
	2000	2001	2000	2001	2000	2001
	Acres	*Acres*	*Pounds*	*Pounds*	*1,000 Pounds*	*1,000 Pounds*
Class 1, Flue-cured						
Type 11, Old Belts						
NC	40,000	43,000	2,500	2,700	100,000	116,100
VA	17,500	19,000	2,440	2,350	42,700	44,650
US	57,500	62,000	2,482	2,593	142,700	160,750
Type 12, Eastern NC Belt						
NC	102,000	100,000	2,405	2,450	245,310	245,000
Type 13, NC Border & SC Belt						
NC	21,000	22,000	2,350	2,650	49,350	58,300
SC	34,000	32,000	2,390	2,450	81,260	78,400
US	55,000	54,000	2,375	2,531	130,610	136,700
Type 14, GA-FL Belt						
FL	4,500	4,500	2,550	2,600	11,475	11,700
GA	31,000	27,000	2,220	2,400	68,820	64,800
US	35,500	31,500	2,262	2,429	80,295	76,500
Total 11-14	250,000	247,500	2,396	2,501	598,915	618,950
Class 2, Fire-cured						
Type 21, VA Belt						
VA	1,300	1,300	1,960	1,800	2,548	2,340
Type 22, Eastern District						
KY	4,100	3,300	3,150	2,800	12,915	9,240
TN	7,700	6,100	2,760	2,800	21,252	17,080
US	11,800	9,400	2,896	2,800	34,167	26,320
Type 23, Western District						
KY	3,800	3,100	3,400	3,300	12,920	10,230
TN	640	500	3,125	3,200	2,000	1,600
US	4,440	3,600	3,360	3,286	14,920	11,830
Total 21-23	17,540	14,300	2,944	2,831	51,635	40,490
Class 3, Air-cured						
Class 3A, Light Air-cured						
Type 31, Burley						
IN	3,800	3,100	2,100	2,150	7,980	6,665
KY	120,000	115,000	2,025	2,200	243,000	253,000
MO [1]	1,400	1,400	2,120	2,200	2,968	3,080
NC	7,400	6,500	1,600	1,950	11,840	12,675
OH	7,500	5,600	1,760	2,110	13,200	11,816
TN	37,000	34,000	1,920	2,000	71,040	68,000
VA	7,000	8,000	1,600	2,000	11,200	16,000
WV [1]	1,300	1,300	1,200	1,400	1,560	1,820
US	185,400	174,900	1,957	2,133	362,788	373,056
Type 32, Southern MD Belt						
MD	5,700	1,700	1,450	1,400	8,265	2,380
PA	2,700	900	1,900	1,860	5,130	1,674
US	8,400	2,600	1,595	1,559	13,395	4,054
Total 31-32	193,800	177,500	1,941	2,125	376,183	377,110

See footnote(s) at end of table. --continued

Tobacco: Area Harvested, Yield, and Production by Class, Type, State, and United States, 2000 and Forecasted November 1, 2001 (continued)

Class and Type	Area Harvested		Yield		Production	
	2000	2001	2000	2001	2000	2001
	Acres	*Acres*	*Pounds*	*Pounds*	*1,000 Pounds*	*1,000 Pounds*
Class 3, Air-cured						
Class 3B, Dark Air-cured						
Type 35, One Sucker						
Belt						
KY	3,100	2,800	3,000	2,700	9,300	7,560
TN	680	620	2,450	2,500	1,666	1,550
US	3,780	3,420	2,901	2,664	10,966	9,110
Type 36, Green River						
Belt						
KY	1,700	1,500	2,900	2,500	4,930	3,750
Type 37, VA Sun-cured						
Belt						
VA	100	100	1,650	1,500	165	150
Total 35-37	5,580	5,020	2,878	2,592	16,061	13,010
Class 4, Cigar Filler						
Type 41, PA Seedleaf						
PA	2,400	2,000	2,100	2,060	5,040	4,120
Class 5, Cigar Binder						
Class 5A, CT Valley Binder						
Type 51, CT Valley Broadleaf						
CT	600	1,350	1,500	1,800	900	2,430
MA	300	750	565	1,900	170	1,425
US	900	2,100	1,189	1,836	1,070	3,855
Class 5B, WI Binder						
Type 54, Southern WI						
WI	730	1,200	2,500	2,200	1,825	2,640
Type 55, Northern WI						
WI	230	320	1,865	1,800	429	576
Total 54-55	960	1,520	2,348	2,116	2,254	3,216
Total 51-55	1,860	3,620	1,787	1,953	3,324	7,071
Class 6, Cigar Wrapper						
Type 61, CT Valley Shade-grown						
CT	1,000	1,000	1,550	1,550	1,550	1,550
MA	250	300	1,160	1,500	290	450
US	1,250	1,300	1,472	1,538	1,840	2,000
All Cigar Types						
Total 41-61	5,510	6,920	1,852	1,906	10,204	13,191
All Tobacco	472,430	451,240	2,229	2,355	1,052,998	1,062,751

[1] Estimates for current year carried forward from an earlier forecast.

Sugarbeets: Area Harvested, Yield, and Production by State and United States, 1999-2000 and Forecasted November 1, 2001 [1]

State	Area Harvested		Yield		Production		
	2000	2001	2000	2001	1999	2000	2001
	1,000 Acres	*1,000 Acres*	*Tons*	*Tons*	*1,000 Tons*	*1,000 Tons*	*1,000 Tons*
CA	93.5	43.5	32.5	37.0	3,456	3,039	1,610
CO	53.6	36.9	22.5	22.1	1,459	1,206	815
ID	191.0	178.0	29.3	25.9	5,103	5,596	4,610
MI	166.0	167.0	20.5	19.0	3,534	3,403	3,173
MN	430.0	426.0	21.5	18.3	9,447	9,245	7,796
MT	55.2	53.6	23.9	21.4	1,468	1,319	1,147
NE	54.8	43.1	20.3	20.7	1,258	1,112	892
ND	232.0	240.0	22.1	18.3	5,138	5,127	4,392
OH	0.8	0.7	21.0	20.0	33	17	14
OR	14.0	9.9	29.5	29.0	494	413	287
WA	27.3	7.2	29.4	36.3	825	803	261
WY	56.1	44.0	20.6	20.5	1,205	1,156	902
US	1,374.3	1,249.9	23.6	20.7	33,420	32,436	25,899

[1] Relates to year of intended harvest except for overwintered spring planted beets in CA.

Sugarcane for Sugar and Seed: Area Harvested, Yield, and Production by State and United States, 1999-2000 and Forecasted November 1, 2001

State	Area Harvested		Yield [1]		Production [1]		
	2000	2001	2000	2001	1999	2000	2001
	1,000 Acres	*1,000 Acres*	*Tons*	*Tons*	*1,000 Tons*	*1,000 Tons*	*1,000 Tons*
FL	445.0	465.0	38.3	36.0	16,100	17,045	16,740
HI	34.4	23.2	70.7	85.0	2,960	2,432	1,972
LA	500.0	495.0	29.7	32.0	15,206	14,851	15,840
TX	46.3	46.0	38.6	32.8	1,033	1,789	1,507
US	1,025.7	1,029.2	35.2	35.0	35,299	36,117	36,059

[1] Net tons.

Papayas: Area and Fresh Production, by Month, Hawaii, 2000-2001

Month	Area				Fresh Production [1]	
	Total in Crop		Harvested		2000	2001
	2000	2001	2000	2001		
	Acres	*Acres*	*Acres*	*Acres*	*1,000 Pounds*	*1,000 Pounds*
Sep	2,755	2,690	1,725	1,925	3,355	3,915
Oct	2,710	2,690	1,690	1,925	4,255	4,820

[1] Utilized fresh production.

Potatoes: Area Planted, Area Harvested, Yield, and Production, by Seasonal Group, State, and United States, 2000-2001

Seasonal Group and State	Area Planted		Area Harvested		Yield		Production	
	2000	2001	2000	2001	2000	2001	2000	2001
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*Cwt*	*Cwt*	*1,000 Cwt*	*1,000 Cwt*
Winter [1]								
Total	17.2	16.8	17.0	14.0	292	294	4,960	4,115
Spring [1]								
Total	77.4	74.1	75.6	72.5	290	269	21,921	19,500
Summer [1]								
Total	66.1	61.4	63.2	59.2	304	296	19,236	17,503
CA	8.7	2.5	8.7	2.5	430	445	3,741	1,113
CO	75.8	68.1	75.6	67.8	370	315	27,972	21,357
ID	415.0	370.0	413.0	368.0	369	348	152,320	127,980
10 SW Co	28.0	26.0	28.0	26.0	490	450	13,720	11,700
Other ID	387.0	344.0	385.0	342.0	360	340	138,600	116,280
IN	3.0	3.1	2.8	2.9	280	320	784	928
ME	64.0	62.0	64.0	62.0	280	260	17,920	16,120
MA	2.8	2.8	2.5	2.8	255	260	638	728
MI	49.0	47.5	47.5	46.0	315	305	14,963	14,030
MN	66.0	59.0	59.0	57.0	360	340	21,240	19,380
MT	11.5	9.6	11.3	9.5	310	320	3,503	3,040
NE	26.0	22.5	24.7	22.4	410	380	10,127	8,512
NV	7.0	6.5	7.0	6.5	450	340	3,150	2,210
NM	6.8	4.2	6.8	4.2	400	340	2,720	1,428
NY	22.0	23.5	21.3	23.3	280	255	5,964	5,942
ND	124.0	118.0	110.0	107.0	245	240	26,950	25,680
OH	4.4	4.2	4.2	4.1	270	240	1,134	984
OR	57.0	45.0	56.5	44.5	543	470	30,683	20,900
Malheur	10.5	9.0	10.5	9.0	425	350	4,463	3,150
Other OR	46.5	36.0	46.0	35.5	570	500	26,220	17,750
PA	13.5	14.0	13.0	13.5	270	235	3,510	3,173
RI	0.5	0.5	0.5	0.5	275	270	138	135
SD	3.5	2.8	2.8	2.6	290	150	812	390
UT	1.5	1.3	1.5	1.3	290	265	435	345
WA	175.0	160.0	175.0	160.0	600	590	105,000	94,400
WI	86.0	84.0	84.5	83.0	400	385	33,800	31,955
Total	1,223.0	1,111.1	1,192.2	1,091.4	392	367	467,504	400,730
US	1,383.7	1,263.4	1,348.0	1,237.1	381	357	513,621	441,848

[1] Estimates for current year carried forward from an earlier forecast.

Fall Potatoes: Percent of Varieties Planted, 2001 Crop

The National Agricultural Statistics Service conducts variety surveys in 8 States, accounting for 89 percent of the forecast U. S. fall potato production. Colorado data are from a growers potato variety survey. The remaining 7 States conduct Objective Yield Surveys where all producing areas were sampled in proportion to planted acreage. Variety data shown below are actual percentages from these surveys.

Fall Potatoes: Percent of Major Varieties Planted, Selected States and 8 States Total, 2001 Crop

State and Varieties	Pct. of Planted Acres
CO	
R Norkotah	53.8
R Nugget	13.8
Centennial R	9.6
Yukon Gold	4.0
Sangre	2.1
Silverton R	1.7
Cherry Red	1.4
Other	13.6
Total	100.0
ID	
R Burbank	70.8
Ranger R	11.1
R Norkotah	8.4
Shepody	3.8
Frito-Lay	1.0
Other	4.9
Total	100.0
ME	
R Burbank	29.1
Frito-Lay	12.6
Shepody	11.4
Superior	8.9
Ontario	7.3
Katahdin	3.9
Atlantic	3.6
R Norkotah	3.5
Norwis	2.4
Chieftain	2.2
Yukon Gold	2.2
Goldrush	1.7
Norland	1.6
Snowden	1.5
Other	8.1
Total	100.0
MN	
R Burbank	52.9
Norland	24.2
Atlantic	4.4
Pontiac	3.8
La Soda	2.6
Cascade	2.3
R Norkotah	1.1
Goldrush	1.1
NorValley	1.1
Other	6.5
Total	100.0
ND	
R Burbank	34.6
NorValley	17.4
Shepody	14.1
Norland	10.7
La Soda	5.0
Frito-Lay	3.5
Snowden	2.8
La Rouge	2.4
Yukon Gold	1.2
Atlantic	1.0
Other	7.3
Total	100.0
OR	
R Burbank	38.9
Ranger R	22.5
R Norkotah	12.3
Shepody	10.8
Alturas	2.7
Umatilla R	1.9
Nooksack R	1.2
Other	9.7
Total	100.0
WA	
R Burbank	35.3
Ranger R	19.9
R Norkotah	19.3
Umatilla R	12.1
Shepody	6.8
Chieftain	1.4
Other	5.2
Total	100.0
WI	
R Burbank	26.5
Frito-Lay	15.9
R Norkotah	15.2
Goldrush	11.4
Norland	10.1
Superior	5.3
Silverton R	4.8
Snowden	4.0
Atlantic	1.6
Pike	1.5
Ranger R	1.3
Other	2.4
Total	100.0
Total(8 States)	
R Burbank	46.4
R Norkotah	12.4
Ranger R	8.7
Shepody	5.5
Norland	3.8
Frito-Lay	3.0
Umatilla R	2.2
NorValley	2.1
Goldrush	1.2
Superior	1.0
R Nugget	1.0
Snowden	0.8
Atlantic	0.8
La Soda	0.8
Yukon Gold	0.7
Centennial R	0.7
Silverton R	0.5
Ontario	0.5
Chieftain	0.4
La Rouge	0.3
Katahdin	0.3
Pontiac	0.2
Norwis	0.2
Sangre	0.1
Cascade	0.1
Pike	0.1
Alturas	0.1
Cherry Red	0.1
Nooksack R	0.1
Other	5.9
Total	100.0

Crop Summary: Area Planted and Harvested, United States, 2000-2001
(Domestic Units) [1]

Crop	Area Planted		Area Harvested	
	2000	2001	2000	2001
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
Grains & Hay				
Barley	5,864.0	4,967.0	5,213.0	4,289.0
Corn for Grain [2]	79,545.0	76,009.0	72,732.0	69,191.0
Corn for Silage			5,868.0	
Hay, All			59,854.0	63,833.0
Alfalfa			23,077.0	23,750.0
All Other			36,777.0	40,083.0
Oats	4,477.0	4,403.0	2,329.0	1,905.0
Proso Millet	440.0	550.0	370.0	
Rice	3,060.0	3,317.0	3,039.0	3,290.0
Rye	1,329.0	1,328.0	296.0	255.0
Sorghum for Grain [2]	9,195.0	10,047.0	7,723.0	8,777.0
Sorghum for Silage			265.0	
Wheat, All	62,629.0	59,617.0	53,133.0	48,653.0
Winter	43,393.0	41,078.0	35,072.0	31,295.0
Durum	3,937.0	2,910.0	3,572.0	2,789.0
Other Spring	15,299.0	15,629.0	14,489.0	14,569.0
Oilseeds				
Canola	1,567.0	1,611.0	1,509.0	1,565.0
Cottonseed				
Flaxseed	536.0	556.0	517.0	545.0
Mustard Seed	46.0	38.7	42.9	37.2
Peanuts	1,536.8	1,474.0	1,336.0	1,390.5
Rapeseed	4.0	2.5	3.9	2.4
Safflower	215.0	175.0	197.0	165.0
Soybeans for Beans	74,266.0	75,216.0	72,408.0	74,137.0
Sunflowers	2,840.0	2,750.0	2,647.0	2,660.0
Cotton, Tobacco & Sugar Crops				
Cotton, All	15,517.2	16,194.0	13,053.0	14,139.5
Upland	15,347.0	15,959.0	12,884.0	13,899.0
Amer-Pima	170.2	235.0	169.0	240.5
Sugarbeets	1,565.2	1,368.1	1,374.3	1,249.9
Sugarcane			1,025.7	1,029.2
Tobacco			472.4	451.2
Dry Beans, Peas & Lentils				
Austrian Winter Peas	5.2	15.8	4.1	7.1
Dry Edible Beans	1,756.2	1,431.9	1,606.4	1,317.3
Dry Edible Peas	188.0	205.8	179.0	193.3
Lentils	217.0	201.0	214.0	198.0
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			6.8	
Ginger Root (HI)			0.3	0.4
Hops			36.1	35.9
Peppermint Oil			89.5	
Potatoes, All	1,383.7	1,263.4	1,348.0	1,237.1
Winter	17.2	16.8	17.0	14.0
Spring	77.4	74.1	75.6	72.5
Summer	66.1	61.4	63.2	59.2
Fall	1,223.0	1,111.1	1,192.2	1,091.4
Spearmint Oil			21.7	
Sweet Potatoes	98.0	95.9	94.9	93.1
Taro (HI) [3]			0.5	

[1] Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.
[2] Area planted for all purposes.
[3] Area is total acres in crop, not harvested acreage.

Crop Summary: Yield and Production, United States, 2000-2001
(Domestic Units) [1]

Crop	Unit	Yield		Production	
		2000	2001	2000	2001
				1,000	*1,000*
Grains & Hay					
Barley	Bu	61.1	58.2	318,728	249,590
Corn for Grain	"	137.1	138.0	9,968,358	9,545,513
Corn for Silage	Ton	16.8		98,538	
Hay, All	"	2.54	2.54	152,183	162,303
Alfalfa	"	3.48	3.44	80,347	81,628
All Other	"	1.95	2.01	71,836	80,675
Oats	Bu	64.2	61.3	149,545	116,856
Proso Millet	"	19.8		7,320	
Rice [2]	Cwt	6,281	6,374	190,872	209,709
Rye	Bu	28.3	27.3	8,386	6,971
Sorghum for Grain	"	60.9	61.2	470,070	536,755
Sorghum for Silage	Ton	10.8		2,863	
Wheat, All	Bu	42.0	40.2	2,232,460	1,957,643
Winter	"	44.7	43.5	1,566,023	1,361,479
Durum	"	30.7	30.0	109,805	83,556
Other Spring	"	38.4	35.2	556,632	512,608
Oilseeds					
Canola	Lb	1,337	1,434	2,016,951	2,243,520
Cottonseed [3]	Ton			6,435.6	7,573.2
Flaxseed	Bu	20.8		10,730	
Mustard Seed	Lb	852		36,570	
Peanuts	"	2,444	2,990	3,265,505	4,157,400
Rapeseed	"	1,474		5,750	
Safflower	"	1,434		282,545	
Soybeans for Beans	Bu	38.1	39.4	2,757,810	2,922,914
Sunflowers	Lb	1,339	1,318	3,544,428	3,506,180
Cotton, Tobacco & Sugar Crops					
Cotton, All [2]	Bale	632	685	17,188.3	20,175.0
Upland [2]	"	626	675	16,799.2	19,557.0
Amer-Pima [2]	"	1,105	1,233	389.1	618.0
Sugarbeets	Ton	23.6	20.7	32,436	25,899
Sugarcane	"	35.2	35.0	36,117	36,059
Tobacco	Lb	2,229	2,355	1,052,998	1,062,751
Dry Beans, Peas & Lentils					
Austrian Winter Peas [2]	Cwt	1,780	1,338	73	95
Dry Edible Beans [2]	"	1,646	1,472	26,440	19,396
Dry Edible Peas [2]	"	1,955	1,966	3,499	3,800
Lentils [2]	"	1,415	1,480	3,029	2,930
Wrinkled Seed Peas [3]	"			680	
Potatoes & Misc.					
Coffee (HI)	Lb	1,280		8,700	
Ginger Root (HI)	"	50,000	45,000	13,500	16,200
Hops	"	1,871	1,845	67,577	66,217
Peppermint Oil	"	77		6,926	
Potatoes, All	Cwt	381	357	513,621	441,848
Winter	"	292	294	4,960	4,115
Spring	"	290	269	21,921	19,500
Summer	"	304	296	19,236	17,503
Fall	"	392	367	467,504	400,730
Spearmint Oil	Lb	101		2,199	
Sweet Potatoes	Cwt	145		13,794	
Taro (HI) [3]	Lb			7,000	

[1] Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.
[2] Yield in pounds.
[3] Yield is not estimated.

Fruits and Nuts Production, United States, 2000-2002
(Domestic Units) [1]

Crop	Unit	Production		
		2000	2001	2002
		1,000	*1,000*	*1,000*
Citrus [2]				
Grapefruit	Ton	2,762	2,469	2,560
K-Early Citrus (FL)	"	5	2	2
Lemons	"	840	1,000	992
Oranges	"	12,997	12,390	12,542
Tangelos (FL)	"	99	95	104
Tangerines	"	458	369	449
Temples (FL)	"	88	56	63
Non-Citrus				
Apples	1,000 Lbs	10,648.7	9,560.4	
Apricots	Ton	98.9	81.2	
Bananas (HI)	Lb	29,000.0		
Grapes	Ton	7,658.0	6,471.9	
Olives (CA)	"	53.0	125.0	
Papayas (HI)	Lb	54,500.0		
Peaches	1,000 Lbs	2,599.8	2,537.3	
Pears	Ton	967.2	915.5	
Prunes, Dried (CA)	"	219.0	155.0	
Prunes & Plums (Ex CA)	"	23.9	23.2	
Nuts & Misc.				
Almonds (CA)	Lb	703,000	850,000	
Hazelnuts	Ton	22.5	48.0	
Pecans	Lb	209,850	355,300	
Pistachios (CA)	"	243,000	200,000	
Walnuts (CA)	Ton	239.0	280.0	
Maple Syrup	Gal	1,231	1,049	

[1] Data are the latest estimates available, either from the current report or from previous reports.
[2] Production years are 1999-2000, 2000-2001, and 2001-2002.

Crop Summary: Area Planted and Harvested, United States, 2000-2001
(Metric Units) [1]

Crop	Area Planted		Area Harvested	
	2000	2001	2000	2001
	Hectares	*Hectares*	*Hectares*	*Hectares*
Grains & Hay				
Barley	2,373,100	2,010,100	2,109,650	1,735,720
Corn for Grain [2]	32,191,070	30,760,080	29,433,910	28,000,910
Corn for Silage			2,374,720	
Hay, All [3]			24,222,320	25,832,580
Alfalfa			9,339,030	9,611,390
All Other			14,883,280	16,221,190
Oats	1,811,800	1,781,850	942,520	770,930
Proso Millet	178,060	222,580	149,740	
Rice	1,238,350	1,342,360	1,229,850	1,331,430
Rye	537,830	537,430	119,790	103,200
Sorghum for Grain [2]	3,721,120	4,065,920	3,125,420	3,551,960
Sorghum for Silage			107,240	
Wheat, All [3]	25,345,330	24,126,400	21,502,390	19,689,380
Winter	17,560,710	16,623,860	14,193,290	12,664,770
Durum	1,593,260	1,177,650	1,445,550	1,128,680
Other Spring	6,191,350	6,324,900	5,863,550	5,895,930
Oilseeds				
Canola	634,150	651,960	610,680	633,340
Cottonseed				
Flaxseed	216,910	225,010	209,220	220,560
Mustard Seed	18,620	15,660	17,360	15,050
Peanuts	621,930	596,510	540,670	562,720
Rapeseed	1,620	1,010	1,580	970
Safflower	87,010	70,820	79,720	66,770
Soybeans for Beans	30,054,710	30,439,160	29,302,790	30,002,500
Sunflowers	1,149,320	1,112,900	1,071,210	1,076,480
Cotton, Tobacco & Sugar Crops				
Cotton, All [3]	6,279,660	6,553,550	5,282,420	5,722,110
Upland	6,210,780	6,458,450	5,214,030	5,624,790
Amer-Pima	68,880	95,100	68,390	97,330
Sugarbeets	633,420	553,660	556,170	505,820
Sugarcane			415,090	416,510
Tobacco			191,190	182,610
Dry Beans, Peas & Lentils				
Austrian Winter Peas	2,100	6,390	1,660	2,870
Dry Edible Beans	710,720	579,480	650,090	533,100
Dry Edible Peas	76,080	83,290	72,440	78,230
Lentils	87,820	81,340	86,600	80,130
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			2,750	
Ginger Root (HI)			110	150
Hops			14,620	14,520
Peppermint Oil			36,220	
Potatoes, All [3]	559,970	511,290	545,520	500,640
Winter	6,960	6,800	6,880	5,670
Spring	31,320	29,990	30,590	29,340
Summer	26,750	24,850	25,580	23,960
Fall	494,940	449,650	482,470	441,680
Spearmint Oil			8,780	
Sweet Potatoes	39,660	38,810	38,410	37,680
Taro (HI) [4]			190	

[1] Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.
[2] Area planted for all purposes.
[3] Total may not add due to rounding.
[4] Area is total hectares in crop, not harvested hectares.

Crop Summary: Yield and Production, United States, 2000-2001
(Metric Units) [1]

Crop	Yield		Production	
	2000	2001	2000	2001
	Metric Tons	*Metric Tons*	*Metric Tons*	*Metric Tons*
Grains & Hay				
Barley	3.29	3.13	6,939,480	5,434,180
Corn for Grain	8.60	8.66	253,207,960	242,467,200
Corn for Silage	37.64		89,392,170	
Hay, All [2]	5.70	5.70	138,058,100	147,238,800
Alfalfa	7.80	7.70	72,889,570	74,051,680
All Other	4.38	4.51	65,168,520	73,187,130
Oats	2.30	2.20	2,170,640	1,696,160
Proso Millet	1.11		166,010	
Rice	7.04	7.14	8,657,810	9,512,240
Rye	1.78	1.72	213,010	177,070
Sorghum for Grain	3.82	3.84	11,940,330	13,634,210
Sorghum for Silage	24.22		2,597,270	
Wheat, All [2]	2.83	2.71	60,757,600	53,278,310
Winter	3.00	2.93	42,620,160	37,053,390
Durum	2.07	2.01	2,988,400	2,274,020
Other Spring	2.58	2.37	15,149,040	13,950,900
Oilseeds				
Canola	1.50	1.61	914,870	1,017,640
Cottonseed [3]			5,838,280	6,870,290
Flaxseed	1.30		272,550	
Mustard Seed	0.96		16,590	
Peanuts	2.74	3.35	1,481,210	1,885,770
Rapeseed	1.65		2,610	
Safflower	1.61		128,160	
Soybeans for Beans	2.56	2.65	75,055,290	79,548,680
Sunflowers	1.50	1.48	1,607,730	1,590,380
Cotton, Tobacco & Sugar Crops				
Cotton, All [2]	0.71	0.77	3,742,310	4,392,590
Upland	0.70	0.76	3,657,590	4,258,040
Amer-Pima	1.24	1.38	84,720	134,550
Sugarbeets	52.91	46.45	29,425,440	23,495,180
Sugarcane	78.93	78.54	32,764,790	32,712,170
Tobacco	2.50	2.64	477,630	482,060
Dry Beans, Peas & Lentils				
Austrian Winter Peas	2.00	1.50	3,310	4,310
Dry Edible Beans	1.84	1.65	1,199,300	879,790
Dry Edible Peas	2.19	2.20	158,710	172,370
Lentils	1.59	1.66	137,390	132,900
Wrinkled Seed Peas [3]			30,840	
Potatoes & Misc.				
Coffee (HI)	1.43		3,950	
Ginger Root (HI)	56.04	50.44	6,120	7,350
Hops	2.10	2.07	30,650	30,040
Peppermint Oil	0.09		3,140	
Potatoes, All [2]	42.71	40.03	23,297,460	20,041,890
Winter	32.70	32.94	224,980	186,650
Spring	32.50	30.15	994,320	884,510
Summer	34.11	33.14	872,530	793,920
Fall	43.95	41.15	21,205,630	18,176,810
Spearmint Oil	0.11		1,000	
Sweet Potatoes	16.29		625,690	
Taro (HI) [3]			3,180	

[1] Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.
[2] Production may not add due to rounding.
[3] Yield is not estimated.

Fruits and Nuts Production, United States, 2000-2002
(Metric Units) [1]

Crop	Production		
	2000	2001	2002
	Metric tons	*Metric tons*	*Metric tons*
Citrus [2]			
Grapefruit	2,505,640	2,239,840	2,322,390
K-Early Citrus (FL)	4,540	1,810	1,810
Lemons	762,040	907,180	899,930
Oranges	11,790,680	11,240,020	11,377,910
Tangelos (FL)	89,810	86,180	94,350
Tangerines	415,490	334,750	407,330
Temples (FL)	79,830	50,800	57,150
Non-Citrus			
Apples	4,830,170	4,336,520	
Apricots	89,720	73,660	
Bananas (HI)	13,150		
Grapes	6,947,190	5,871,210	
Olives (CA)	48,080	113,400	
Papayas (HI)	24,720		
Peaches	1,179,250	1,150,900	
Pears	877,380	830,530	
Prunes, Dried (CA)	198,670	140,610	
Prunes & Plums (Ex CA)	21,680	21,050	
Nuts & Misc.			
Almonds (CA)	318,880	385,550	
Hazelnuts	20,410	43,540	
Pecans	95,190	161,160	
Pistachios (CA)	110,220	90,720	
Walnuts (CA)	216,820	254,010	
Maple Syrup	6,150	5,240	

[1] Data are the latest estimates available, either from the current report or from previous reports.
[2] Production years are 1999-2000, 2000-2001, and 2001-2002.

Corn for Grain: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 7 corn producing States during 2001. Randomly selected plots in corn for grain fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are rounded actual field counts from this survey.

Corn for Grain: Plant Population per Acre, Selected States, 1997-2001

State	Month	1997	1998	1999	2000	2001
		Number	*Number*	*Number*	*Number*	*Number*
IL	Sep	25,000	25,550	25,750	25,800	26,750
	Nov	24,900	25,400	25,650	25,800	26,650
IN	Sep	23,700	24,350	25,250	25,050	26,100
	Nov	23,800	24,300	25,100	25,150	25,950
IA	Sep	25,700	25,700	25,850	26,500	26,500
	Nov	25,500	25,600	25,900	26,300	26,450
MN	Sep	26,300	27,750	26,750	27,500	28,050
	Nov	26,600	27,650	26,800	27,150	28,000
NE	Sep	22,850	23,350	23,200	23,700	22,750
	Nov	22,850	23,050	23,100	23,400	22,750
OH	Sep	23,450	25,350	25,000	25,200	26,150
	Nov	23,500	25,450	25,000	24,800	26,050
WI	Sep	24,750	26,600	26,050	26,550	26,800
	Nov	24,800	25,850	26,200	26,200	27,000

Corn for Grain: Number of Ears per Acre, Selected States, 1997-2001

State	Month	1997	1998	1999	2000	2001
		Number	*Number*	*Number*	*Number*	*Number*
IL	Sep	24,100	24,450	25,050	25,500	25,650
	Oct	23,500	24,300	24,950	25,450	25,550
	Nov	23,400	24,300	24,850	25,450	25,550
IN	Sep	22,600	23,400	24,350	24,500	25,500
	Oct	22,150	23,450	23,950	24,550	25,350
	Nov	22,150	23,350	23,900	24,650	25,400
IA	Sep	24,900	24,550	25,300	26,000	25,450
	Oct	24,600	24,250	25,300	25,600	25,350
	Nov	24,550	24,300	25,300	25,650	25,250
MN	Sep	26,450	27,750	26,650	27,350	27,500
	Oct	26,150	27,550	26,700	27,350	26,750
	Nov	25,900	27,550	26,650	27,250	26,700
NE	Sep	22,250	22,800	22,800	22,800	22,200
	Oct	21,900	22,500	22,650	22,750	21,950
	Nov	21,900	22,500	22,600	22,700	22,050
OH	Sep	22,650	24,650	24,000	24,450	25,550
	Oct	22,500	24,800	24,100	24,250	25,250
	Nov	22,300	25,000	24,050	23,950	25,150
WI	Sep	24,600	26,050	25,600	26,100	26,100
	Oct	24,350	24,950	25,700	25,500	26,100
	Nov	24,300	24,850	25,700	25,550	26,100

Corn for Grain: Percentage Distribution by Plant Population Per Acre
Selected States, 1997-2001

State	Year	Plant Populations					
		Less than 20,000	20,001-22,500	22,501-25,000	25,001-27,500	27,501-30,000	More than 30,000
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
IL	1997	9.2	15.1	23.5	25.0	20.2	7.0
	1998	10.9	8.6	22.5	28.7	19.9	9.4
	1999	6.7	9.7	21.6	29.6	23.8	8.6
	2000	7.7	10.0	20.7	32.1	18.8	10.7
	2001	4.2	9.2	19.2	28.3	26.1	13.0
IN	1997	19.5	13.6	27.2	20.7	10.7	8.3
	1998	13.1	14.3	19.0	33.9	14.3	5.4
	1999	10.6	9.3	23.6	32.9	18.0	5.6
	2000	8.9	12.7	25.9	27.8	16.5	8.2
	2001	7.1	7.7	18.6	32.0	25.0	9.6
IA	1997	9.3	11.4	20.6	27.4	20.6	10.7
	1998	8.3	8.3	20.7	31.2	22.8	8.7
	1999	6.3	10.1	22.4	24.8	25.2	11.2
	2000	3.6	10.8	17.2	31.4	26.2	10.8
	2001	5.1	6.9	20.1	27.4	25.9	14.6
MN	1997	8.4	9.0	13.2	22.2	28.0	19.2
	1998	2.4	4.2	12.5	22.0	35.7	23.2
	1999	11.1	3.1	11.1	25.9	27.8	21.0
	2000	6.1	7.3	11.6	19.5	28.7	26.8
	2001	1.9	3.7	12.3	21.6	34.0	26.5
NE	1997	35.2	11.4	11.8	19.0	13.0	9.6
	1998	33.1	11.7	13.0	18.4	15.5	8.3
	1999	28.8	14.8	17.3	17.1	15.7	6.3
	2000	32.2	9.5	10.6	18.8	18.5	10.4
	2001	25.5	13.6	14.9	16.2	21.3	8.5
OH	1997	20.4	17.7	21.3	21.2	15.0	4.4
	1998	8.0	6.2	26.5	34.5	16.8	8.0
	1999	8.1	11.7	26.1	34.3	14.4	5.4
	2000	11.3	12.2	17.4	30.4	21.7	7.0
	2001	7.8	5.2	22.4	29.2	25.9	9.5
WI	1997	12.1	17.6	21.9	19.8	14.3	14.3
	1998	12.0	13.3	12.0	22.9	22.9	16.9
	1999	4.7	10.6	24.7	18.8	27.1	14.1
	2000	9.3	8.1	20.9	22.2	22.1	17.4
	2001	5.2	9.1	13.0	27.2	23.4	22.1

Corn for Grain: Frequency of Farmer Reported Row Widths, Selected States, 1997-2001

State	Year	Row Width (inches)				
		Less than 30	30	36	38	More than 38
		Number	*Number*	*Number*	*Number*	*Number*
IL	1997	1	223	36	20	1
	1998	3	215	35	26	
	1999	2	221	34	16	1
	2000		225	33	16	
	2001	6	226	21	16	1
IN	1997		149	25	5	
	1998	2	143	19	8	
	1999	1	147	17	7	
	2000	4	140	18	7	
	2001		149	16	3	
IA	1997	1	200	32	59	
	1998	2	208	24	54	
	1999	1	215	30	52	
	2000	3	214	27	41	
	2001	3	227	15	40	
MN	1997	10	126	21	16	
	1998	9	127	26	13	1
	1999	18	124	14	14	1
	2000	14	127	18	7	
	2001	25	133	9	7	
NE	1997		135	92	18	
	1998	1	140	84	8	
	1999	1	148	73	12	1
	2000	3	156	74	9	
	2001	3	143	93	10	
OH	1997	1	99	10	7	1
	1998	2	104	6	8	1
	1999		110	6	4	
	2000	1	108	11	1	
	2001		109	5	2	
WI	1997	2	50	14	36	1
	1998	3	58	8	26	
	1999		60	8	25	2
	2000	2	57	9	21	
	2001	2	58	10	19	

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, Selected States, 1997-2001

State	Year	Number of Samples	Row Width (inches)						Average Row Width
			20.5 or less	20.6-30.5	30.6-34.5	34.6-36.5	36.6-38.5	38.6 & Greater	
		Number	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Inches*
IL	1997	270		61.4	17.8	11.9	7.4	1.5	31.6
	1998	267		64.5	14.6	9.7	10.5	0.7	31.5
	1999	269	0.4	63.6	18.6	7.4	9.3	0.7	31.4
	2000	273		65.6	16.8	10.3	6.2	1.1	31.3
	2001	261	1.5	67.1	18.0	7.7	4.6	1.1	30.9
IN	1997	169		67.4	16.6	9.5	4.7	1.8	31.3
	1998	168	1.2	57.7	25.0	9.5	5.4	1.2	31.2
	1999	161		62.7	23.0	5.0	6.8	2.5	31.3
	2000	158	1.9	67.7	14.6	7.0	8.2	0.6	31.0
	2001	156		67.3	21.2	6.4	5.1		31.0
IA	1997	281	0.7	48.8	19.2	8.2	19.9	3.2	32.5
	1998	275	0.4	53.1	19.6	8.0	13.8	5.1	32.1
	1999	286		53.6	17.1	9.8	12.9	6.6	32.5
	2000	279	0.7	56.3	18.6	6.8	15.8	1.8	31.9
	2001	274	0.7	63.2	17.2	2.9	13.1	2.9	31.6
MN	1997	167	0.6	58.6	17.4	10.2	11.4	1.8	31.4
	1998	169	0.6	62.0	17.2	10.1	7.7	2.4	31.1
	1999	162		63.5	19.8	4.3	9.3	3.1	30.6
	2000	164	2.4	62.3	20.1	6.1	7.3	1.8	30.5
	2001	162	2.5	66.7	22.2	3.1	4.3	1.2	29.5
NE	1997	230		37.4	17.0	30.4	13.5	1.7	33.1
	1998	224	0.4	41.1	17.9	27.2	12.1	1.3	32.8
	1999	227	0.4	43.3	19.8	23.3	11.0	2.2	32.6
	2000	224	0.4	52.3	15.6	22.3	9.4		32.1
	2001	235	0.9	43.8	15.3	26.4	12.3	1.3	32.7
OH	1997	113	0.9	62.8	18.6	8.0	4.4	5.3	31.5
	1998	116	0.9	73.3	15.5	1.7	5.2	3.4	30.9
	1999	111		65.8	28.8	1.8	3.6		30.6
	2000	116		70.7	19.0	5.2	4.3	0.8	30.9
	2001	116		74.1	20.7		2.6	2.6	30.7
WI	1997	91	1.1	28.5	16.5	13.2	28.6	12.1	34.0
	1998	83	1.2	49.4	14.5	4.8	24.1	6.0	32.5
	1999	85		40.0	21.2	9.4	20.0	9.4	33.1
	2000	86	2.3	38.4	25.6	8.1	16.3	9.3	32.6
	2001	77	1.3	57.1	11.7	7.8	14.3	7.8	32.2

Soybeans: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 8 soybean producing States during 2001. Randomly selected plots in soybean fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey. The final number of pods is determined when the plots are harvested. These data will be published in January.

Soybeans: Pods with Beans per 18 Square Feet, Selected States, 1997-2001

State	Month	1997	1998	1999	2000	2001
		Number	*Number*	*Number*	*Number*	*Number*
AR	Sep [1]					
	Nov	2,098	1,640	1,483	1,859	1,867
	Final	1,956	1,613	1,346	1,835	
IL	Sep	1,828	2,087	1,917	2,162	1,957
	Nov	1,708	1,902	1,788	2,020	1,932
	Final	1,708	1,906	1,787	2,021	
IN	Sep	1,622	1,883	1,771	1,917	1,890
	Nov	1,532	1,709	1,622	1,784	1,880
	Final	1,532	1,709	1,622	1,784	
IA	Sep	1,894	1,914	2,142	1,830	1,724
	Nov	1,458	1,745	1,894	1,660	1,787
	Final	1,461	1,748	1,878	1,660	
MN	Sep	1,585	1,598	1,612	1,607	1,487
	Nov	1,506	1,450	1,563	1,507	1,475
	Final	1,506	1,442	1,565	1,507	
MO	Sep	1,539	1,847	1,242	1,974	1,452
	Nov	1,591	1,878	1,508	1,782	1,874
	Final	1,650	1,931	1,525	1,793	
NE	Sep	1,716	1,849	1,877	1,795	1,843
	Nov	1,345	1,810	1,872	1,619	2,003
	Final	1,342	1,810	1,872	1,619	
OH	Sep	1,711	1,887	1,699	1,893	1,743
	Nov	1,485	1,710	1,494	1,685	1,785
	Final	1,467	1,710	1,494	1,697	

[1] Not available due to plant immaturity.

Soybeans: Percentage Distribution by Measured Row Width and Average Width, Selected States, 1997-2001

State	Year	Number of Samples	Row Width (inches)					Average Row Width [1]
			10.0 & less [1]	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		Number	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Inches*
AR	1997	126	42.9	13.5	19.4	17.5	6.7	18.0
	1998	124	30.8	13.9	25.8	20.5	9.0	20.1
	1999	118	31.1	18.7	26.8	16.6	6.8	19.3
	2000	113	46.2	12.6	16.6	20.6	4.0	17.1
	2001	123	40.6	19.7	16.8	17.2	5.7	17.5
IL	1997	211	55.2	18.5	3.1	21.1	2.1	15.1
	1998	205	54.5	17.8	2.0	22.0	3.7	15.5
	1999	219	44.3	31.6	3.0	16.5	4.6	15.8
	2000	214	44.6	36.2	0.9	16.4	1.9	14.9
	2001	208	41.3	33.4	1.7	22.6	1.0	16.0
IN	1997	148	59.3	15.6	4.8	14.9	5.4	14.4
	1998	160	62.1	18.8	1.9	15.3	1.9	13.4
	1999	148	68.9	19.9	0.4	8.8	2.0	11.7
	2000	143	73.1	17.8	2.1	7.0	0.0	10.9
	2001	153	70.2	19.5	1.0	8.6	0.7	11.6
IA	1997	211	25.1	19.2	4.0	42.0	9.7	22.3
	1998	217	21.7	22.1	7.1	41.0	8.1	22.1
	1999	224	18.4	25.7	7.4	41.8	6.7	22.6
	2000	205	19.6	25.2	7.8	43.5	3.9	21.9
	2001	207	16.7	27.0	9.8	39.4	7.1	22.5
MN	1997	97	27.8	28.9	5.1	36.1	2.1	18.8
	1998	105	17.6	21.0	15.7	43.8	1.9	22.0
	1999	100	22.1	26.1	12.1	33.7	6.0	20.4
	2000	95	23.7	19.5	12.1	42.6	2.1	20.8
	2001	91	14.8	25.8	17.0	41.9	0.5	21.5
MO	1997	118	47.3	30.1	5.0	11.7	5.9	15.4
	1998	125	49.6	26.4	3.6	14.0	6.4	15.6
	1999	126	40.9	34.1	6.7	14.3	4.0	15.6
	2000	121	33.5	40.8	8.3	15.7	1.7	15.9
	2001	126	31.3	43.7	2.0	19.0	4.0	16.5
NE	1997	74	26.3	13.5	4.1	34.5	21.6	23.6
	1998	96	16.1	18.8	4.2	38.0	22.9	25.2
	1999	86	13.4	23.8	5.2	40.7	16.9	24.2
	2000	82	17.1	26.8	6.1	34.1	15.9	23.0
	2001	93	19.9	30.9	8.3	26.5	14.4	21.6
OH	1997	122	71.3	17.6	2.9	7.4	0.8	11.4
	1998	127	74.0	15.3	2.8	7.1	0.8	10.8
	1999	125	78.0	15.6	1.6	4.0	0.8	10.1
	2000	125	77.2	19.6	1.2	2.0	0.0	9.6
	2001	131	67.8	21.8	3.1	6.9	0.4	11.3

[1] Broadcast soybeans included as "10.0 inches and less" but excluded in computation of average width.

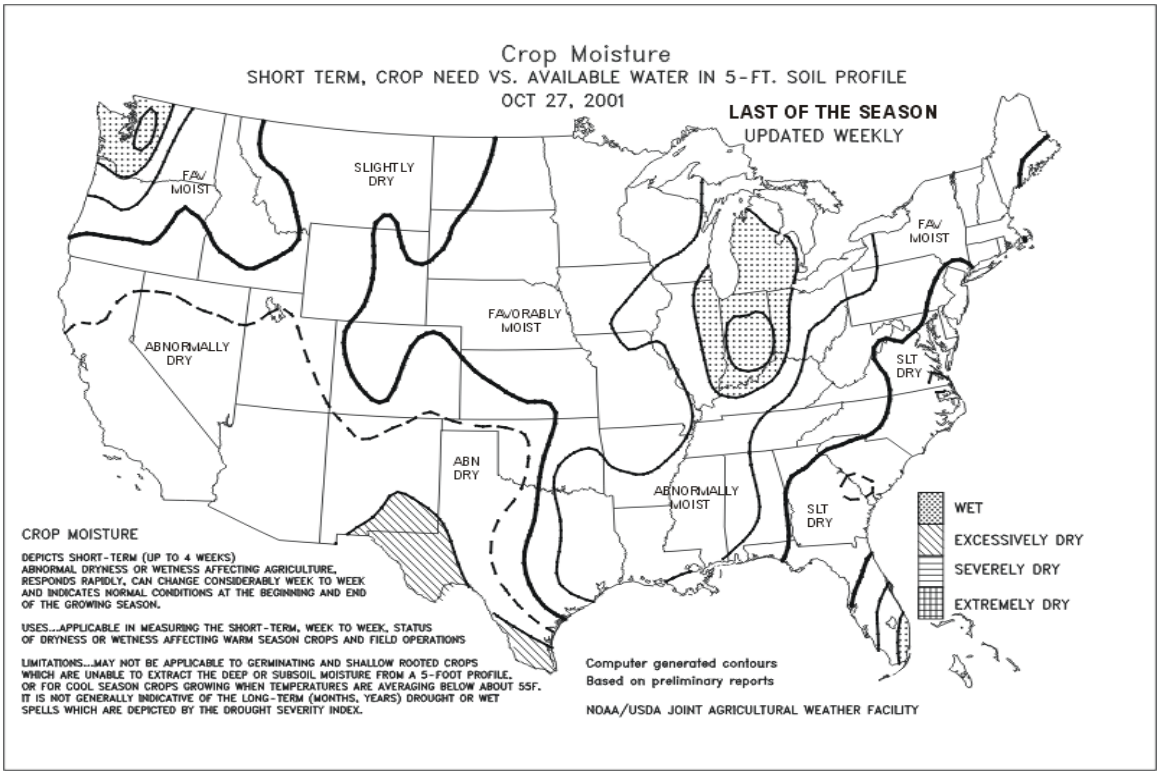
Cotton: Objective Yield Data

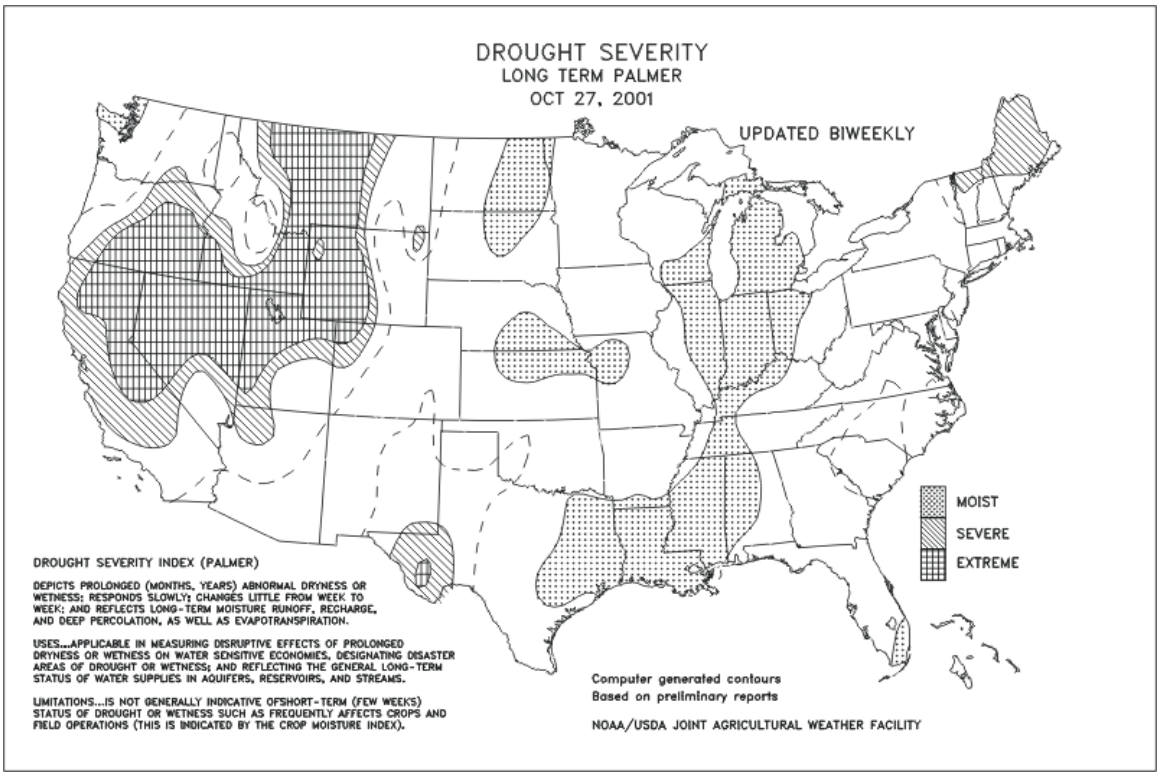
The National Agricultural Statistics Service is conducting Objective Yield surveys in 7 cotton producing States during 2001. Randomly selected plots in cotton fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey. The final number of bolls is determined when the plots are harvested. These data will be published in May.

Cotton: Cumulative Boll Counts, September and November 1997-2001, and Final, 1997-2000 [1]

State	Month	1997	1998	1999	2000	2001
		Number	*Number*	*Number*	*Number*	*Number*
AR	Sep	975	637	720	874	747
	Nov	810	633	693	755	816
	Final	811	640	689	755	
CA	Sep	701	755	921	760	939
	Nov	697	665	779	801	921
	Final	697	655	776	800	
GA [2]	Sep		629	596	597	590
	Nov		716	621	621	651
	Final		690	632	629	
LA	Sep	639	694	722	722	625
	Nov	643	600	728	674	582
	Final	643	600	728	674	
MS	Sep	908	835	761	657	754
	Nov	835	823	767	652	680
	Final	833	821	766	650	
NC [2]	Sep		626	623	670	719
	Nov		590	619	743	696
	Final		597	622	747	
TX	Sep	500	498	465	408	441
	Nov	468	477	447	397	439
	Final	458	482	456	448	

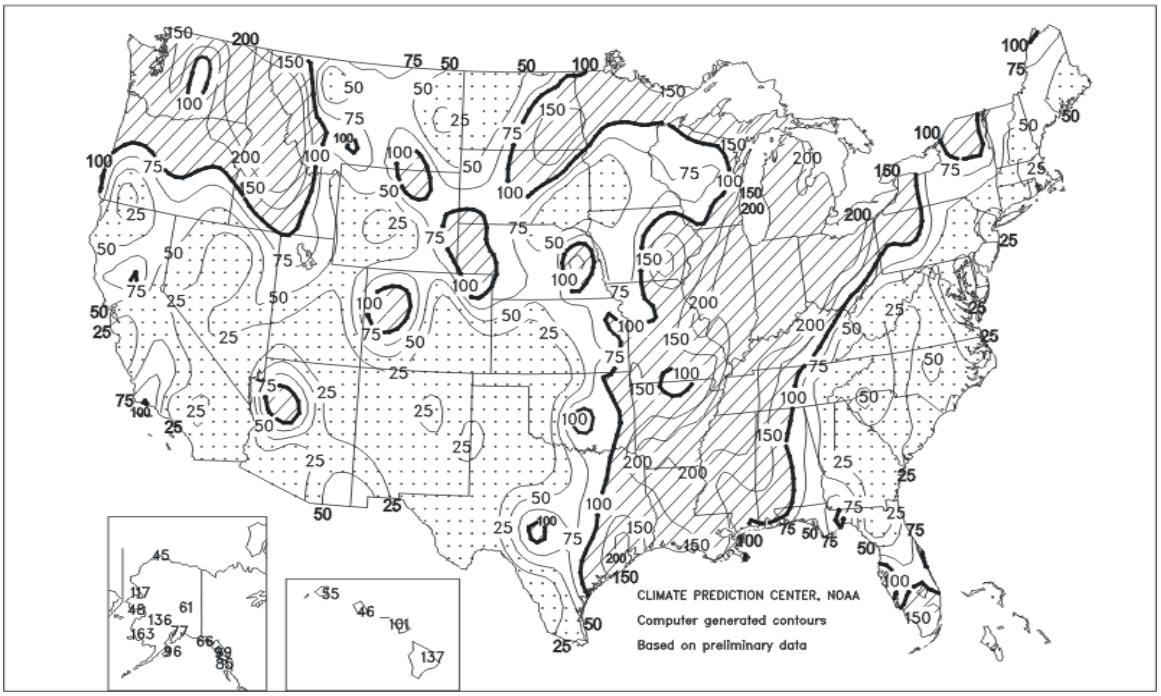
[1] Includes small bolls (less than one inch in diameter), large unopened bolls (at least one inch in diameter), open bolls, partially opened bolls, and burrs, per 40 feet of row. In November, excludes small bolls.
[2] Georgia and North Carolina were added to the Objective Yield Survey in 1998, therefore, data are unavailable for 1997.


Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
OCT 27, 2001
LAST OF THE SEASON
UPDATED WEEKLY
FAV MOIST
SLIGHTLY DRY
FAVORABLY MOIST
ABNORMALLY DRY
ABN DRY
ABNORMALLY MOIST
SLT DRY
FAV MOIST
SLT DRY
WET
EXCESSIVELY DRY
SEVERELY DRY
EXTREMELY DRY
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES...APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS
LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
Computer generated contours
Based on preliminary reports
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY


DROUGHT SEVERITY
LONG TERM PALMER
OCT 27, 2001
UPDATED BIWEEKLY
MOIST
SEVERE
EXTREME
DROUGHT SEVERITY INDEX (PALMER)
DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OFSHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
Computer generated contours
Based on preliminary reports
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

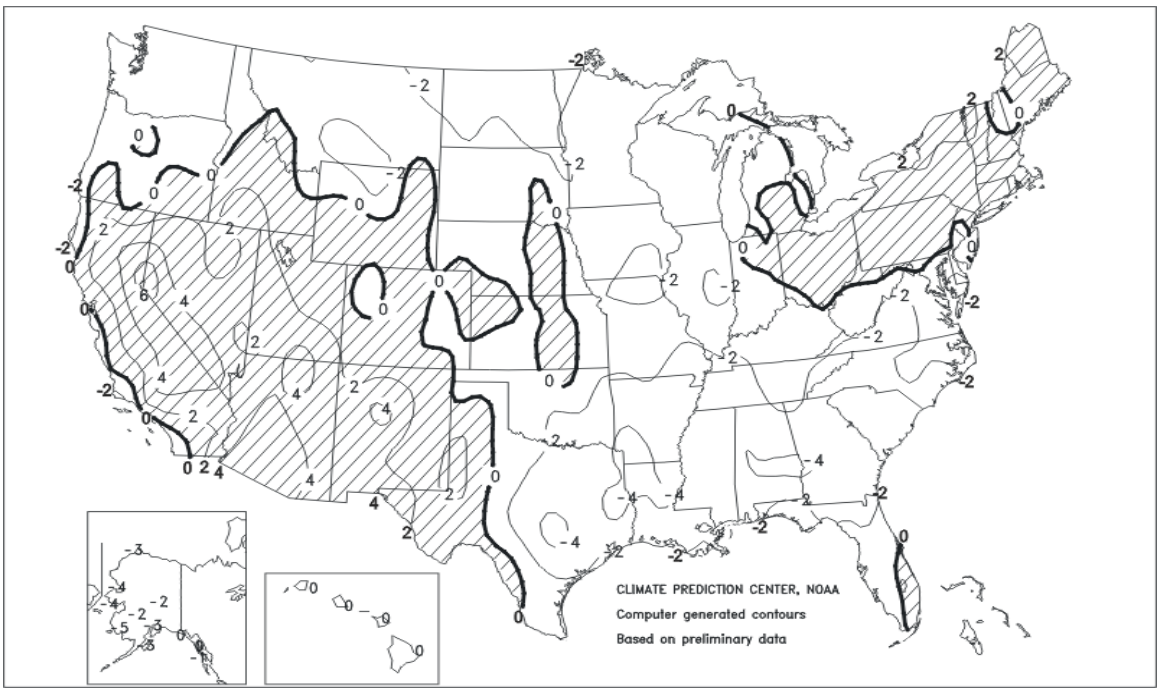
Percent Of Normal Precipitation

October 2001



Departure of Average Temperature from Normal (°F)

October 2001



October Weather Summary

Heavy rainfall repeatedly disrupted summer crop harvesting and winter wheat planting in the eastern Corn Belt. In contrast, western Corn Belt corn and soybean harvests progressed with few delays. High winds swept across the Midwest on October 24-25, preceded by several days of scattered large hail. The severe weather adversely affected some unharvested Midwestern crops, including corn (lodged due to high winds and wet soils) and soybeans (locally battered by large hail). Meanwhile across the South, heavy showers diminished west of the Appalachians, allowing fieldwork to accelerate after midmonth. However, dryness persisted through a second consecutive month in the Atlantic Coast region, favoring fieldwork but hampering winter wheat establishment. Similarly, mild, breezy, mostly dry conditions on the Plains promoted summer crop harvesting but reduced soil moisture for winter wheat development, especially in Montana and from the central High Plains southward into Texas. An exception to the Plains' tranquil weather pattern was an early-season blizzard in the Red River Valley of the North on October 24-25 that halted fieldwork, disrupted transportation, and stressed livestock. Elsewhere, significant precipitation was confined to southern Florida and the Northwest. Florida's precipitation further eased long-term rainfall deficits, while the Northwest's rain and snow aided pastures and winter wheat, but provided little relief from subsoil moisture shortages and drought-reduced reservoir supplies.

The remainder of the West experienced warm, mostly dry weather. Warmth was especially prominent during the second half of October, propelling monthly temperatures 2 to 6 degrees F above normal from northern California and the Great Basin southward to the Mexican border. Sharp temperature fluctuations were observed east of the Rockies, but monthly temperatures averaged within a few degrees of normal. The coolest weather, relative to normal, was noted in the Southeast, where readings averaged as much as 4 degrees F below normal.

October Agricultural Summary

Late-maturing row crops quickly ripened in the Corn Belt, Great Plains, and Southeast, even though temperatures averaged below normal during most of the month. Widespread, heavy precipitation halted row crop harvest and seeding of winter grains in the lower Mississippi Valley and central Corn Belt near midmonth. Row crop harvest accelerated in the western Corn Belt and remained active in adjacent areas of the Great Plains after midmonth, while rain delays were mostly confined to the Great Lakes region. Storms with large hail, strong winds, and heavy rain damaged unharvested fields in the Corn Belt near the end of the month. Moisture shortages hindered winter wheat emergence across the northern and southern Great Plains. In the Pacific Northwest, low-lying coastal areas received much-needed rainfall, while higher elevations of the Cascades received beneficial accumulations of snow. In the Southwest, above-normal temperatures promoted rapid crop development, and dry weather aided field and orchard work.

Cold weather hindered ripening of the corn crop across the western Corn Belt and Great Plains early in the month, and sub-freezing nighttime temperatures prematurely ended the growing season in parts of the upper Mississippi Valley. However, by October 14, maturity equaled the 5-year average of 96 percent and was only slightly behind last year's 98-percent. Harvest neared completion more than 1 week earlier than normal in Kentucky and North Carolina. Harvest progressed ahead of normal in Illinois, Indiana, Kansas, and Pennsylvania until midmonth, when heavy precipitation temporarily halted harvest across most of Illinois and Indiana. After midmonth, progress fell well behind normal in Indiana. Rain also slowed harvest progress in many areas of the eastern Corn Belt after midmonth. Harvest slowly gained momentum across the northern and western Corn Belt and adjacent areas of the Great Plains before midmonth. However, harvest remained well behind normal in Iowa, Minnesota, and Wisconsin, even though progress accelerated after midmonth. On October 28, acreage harvested was at 64 percent, about 2 weeks behind last year's 85-percent pace, but only a few days behind the 5-year average of 73 percent.

Soybean fields rapidly approached maturity in the western Corn Belt, even though temperatures averaged below normal and some areas in the upper Mississippi Valley experienced hard freezes. Fields along the Atlantic Coastal Plain also rapidly approached maturity. On October 14, acreage shedding leaves was slightly ahead of normal, at 96 percent. Harvest was very active in the Corn Belt before wet weather stalled harvest activity in the central Corn Belt near midmonth. Dry weather continued to aid harvest in the western Corn Belt and Great Plains after midmonth, but harvest remained well behind normal in Iowa. Meanwhile, rain and slow drying limited harvest in the eastern Corn Belt, especially in Indiana and Ohio. In the lower Mississippi Valley, heavy rain halted harvest progress near midmonth and soils remained too wet to resume harvest for several days after midmonth. Harvest progressed with few delays along the Atlantic Coastal Plain.

The cotton harvest was aided by favorably dry weather in most cotton-producing States', but below-normal temperatures hindered defoliation and limited harvest progress most of the month. Picking was active along the Mississippi Delta before wet weather delayed harvest for several days near midmonth. Harvest progressed far behind normal throughout the month in Alabama and fell well behind the normal pace in Arkansas and Mississippi. Mostly dry weather favored harvest on the southern Great Plains, and harvest progressed with only brief rain delays on the Atlantic Coastal Plain. Harvest progressed ahead of normal in the Southwest, where warm, dry weather supported picking. On October 28, progress was 1 week behind last year, but only 1 percentage point behind the 5-year average of 60 percent.

Winter wheat planting and emergence progressed about 2 weeks ahead of last year's slow pace and about 1 week ahead of the 5-year average during most of the month. Seeding was aided by dry weather across most of the Great Plains and Pacific Northwest. Planting progressed far ahead of normal in Kansas and Oklahoma and well ahead of normal in Montana and Texas. By October 28, planting was virtually complete in the central and northern Great Plains and approached completion in the southern Great Plains and Pacific Northwest. In the Corn Belt, heavy precipitation halted seeding along the middle Mississippi and lower Ohio River Valleys near midmonth, and from the Ohio River Valley to the Great Lakes near the end of the month. In the lower Mississippi Valley and along the Atlantic Coastal Plain, planting was aided by dry weather after midmonth. Mostly adequate soil moisture and seasonal temperatures promoted germination and growth on the central Great Plains, while moisture shortages hindered emergence and growth in many areas of the northern and southern Great Plains. Emergence progressed far ahead of normal in Kansas and Oklahoma. In the Pacific Northwest, mid- and late-month storms provided much-needed moisture, but many areas remained unfavorably dry. Fields rapidly emerged in the eastern Corn Belt, where precipitation provided ample moisture to germinate seeds.

Ninety-three percent of the sorghum crop was mature on October 14, slightly ahead of the average progress of 91 percent. However, the crop ripened about 2 weeks later than last year's early pace. Fields rapidly matured on the central and southern High Plains early in the month, when temperatures averaged near normal. Meanwhile, below-normal temperatures hindered ripening of late-maturing fields in the southern Great Plains and Corn Belt. Harvest was aided by dry weather across the Great Plains most of the month, advancing well ahead of normal in Kansas and South Dakota. Harvest also advanced ahead of normal in the Corn Belt, especially in Illinois, until widespread, heavy rain interrupted progress near midmonth. On October 28, harvest was 85 percent complete, behind last year's 92-percent progress but well ahead of the average of 78 percent.

By October 14, the rice harvest was virtually complete along the western Gulf Coast. Harvest also approached completion in the interior Mississippi Valley, but midmonth storms temporarily delayed completion. Dry weather aided progress in California throughout the month.

The peanut harvest progressed ahead of last year and the average, to 84 percent complete on October 28. Digging progressed with few rain delays along the mid-Atlantic Coastal Plain and eastern Gulf Coast, although delays were briefly encountered in Alabama and Florida shortly after midmonth. Harvest was slow in the southern Great Plains early in the month, but progressed without delay after midmonth. By the end of the month, harvest was complete in Virginia and nearly complete in Florida and Georgia.

The sugarbeet harvest advanced ahead of last year's pace, and progress exceeded the 5-year average in the Red River Valley. In Minnesota and North Dakota, harvest accelerated early in the month and remained active throughout the remainder of the month, as mostly dry weather and favorable piling temperatures assisted progress. In Idaho, wet weather and above-normal temperatures delayed harvest early in the month. After midmonth, rain frequently halted progress in Michigan. On October 28, harvest was 87 percent complete in the four major sugarbeet-producing States, and virtually complete in the Red River Valley.

The sunflower harvest progressed well behind last year's pace during most of the month and was 75 percent complete on October 28, compared with 80 percent at the same time a year ago. Harvest was aided by mostly dry weather across the Great Plains, but trailed the 5-year average in North and South Dakota throughout the month.

Corn for grain: Acreage harvested and to be harvested for grain is forecast at 69.2 million acres, unchanged from last month but down 5 percent from 2000. The November 1 Corn objective yield data indicate the second highest recorded ear counts per acre for the combined seven objective yield States (Illinois, Indiana, Iowa, Minnesota, Nebraska, Ohio, and Wisconsin). Ear counts are at record high levels in Illinois, Indiana,

Ohio, and Wisconsin. In Iowa, ears per acre are the third highest on record. The Nebraska and Minnesota Objective Yield Surveys indicate below average ears per acre.

As of November 4, eighty-one percent of the corn acreage was harvested in the 18 major producing States. This compares with 92 percent last year and the 5-year average of 83 percent. Harvest progressed ahead of the normal pace in Illinois and Indiana until the middle of October, when very heavy precipitation temporarily halted harvest. Harvest resumed by month's end, but at a slower pace as soils were slow to dry. Rain also slowed harvest progress in Ohio and other eastern Corn Belt States.

Corn harvest slowly gained momentum across the northern and western Corn Belt in early October. Even though progress accelerated after midmonth, harvest was well behind the normal pace in Iowa, Minnesota, and Wisconsin. In Nebraska, precipitation was below normal the last half of the month, allowing harvest to move ahead rapidly.

Sorghum: Production is forecast at 537 million bushels, up slightly from October and up 14 percent from 2000. Based on November 1 conditions, the sorghum yield forecast, at 61.2 bushels per acre, is up 0.2 bushel from October, and up 0.3 bushel from last year. Yield forecasts for Kansas and Texas, which account for 70 percent of the U.S. production, remained unchanged from October. Arkansas expects a record yield of 86 bushels, topping the 1999 record of 78 bushels. The forecast acreage to be harvested for grain, at 8.78 million acres, is unchanged from last month but 14 percent higher than 2000.

The southern High Plains received favorable weather late in the season improving crop conditions and aiding maturity in the region. In the southern Great Plains dry conditions and below normal temperatures continued to reduce yields from a year ago. Across the Corn Belt, below-normal temperatures hindered ripening of late-maturing fields, however yields remained high with many States at, or near, record highs. Harvest across the Great Plains and the Corn Belt was aided by dry weather for most of the month, advancing well ahead of normal in most States. As of November 4, harvest had progressed to 92 percent complete, below last year's pace of 94 percent but ahead of the 5-year average of 85 percent.

Rice: The production forecast, at 210 million cwt, is up 1 percent from October and 10 percent above 2000. If realized, this will be a record high production. Area for harvest is expected to total 3.29 million acres, unchanged from last month but 8 percent above a year ago. Yields are expected to average a record high 6,374 pounds per acre, an increase of 46 pounds from last month and up 93 pounds from 2000.

From last month, yields were increased in California and Missouri. Record yields are forecast for Arkansas, Louisiana, Mississippi, and Missouri.

The harvest of the 2001 rice crop is nearly complete in all producing States. Cutting of the last fields of the ratoon crop along the Gulf Coast is all that remained by the end of October.

Soybeans: Growers expect to harvest 74.1 million acres of soybeans, unchanged from the October forecast but 2 percent above 2000 final harvested acreage. The November objective yield data indicate a record high pod count when compared with the final number of pods for the combined eight objective yield States (Arkansas, Illinois, Indiana, Iowa, Missouri, Minnesota, Nebraska, and Ohio).

As of November 4, ninety percent of the soybean crop was harvested, 5 percentage points behind last year and 2 points below the average of 92 percent. Harvest progress was very active in the Corn Belt in early October but was interrupted by rain and slow drying conditions after midmonth in the eastern Corn Belt.

Harvest neared completion across the Great Plains and upper Mississippi Valley States. In Iowa, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, North Dakota, and South Dakota harvest was at or above 95 percent complete by November 4.

Harvest in Illinois was 93 percent complete, 5 percentage points behind last year and 2 points behind the average. Harvest in Ohio was 92 percent complete, equal to last year but 1 percentage point ahead of the average. The Indiana harvest, at 85 percent, was about a week behind last year and the average. The Missouri harvest was 81 percent complete, 11 percentage points behind last year but only 4 points behind the average. Harvest in Arkansas was 83 percent complete and 8 percentage points ahead of the 5-year average.

If realized, pod counts, from the Objective Yield Survey, will be the highest on record in Indiana, Nebraska, and Ohio and second highest on record in Illinois. In Minnesota, pod counts for November were lower than 2000, while Arkansas, Missouri, and Iowa have counts higher than last year.

Peanuts: Production is forecast at 4.16 billion pounds, up 7 percent from last month and 27 percent above last year's crop. Area for harvest is expected to total 1.39 million acres, unchanged from October but up 4 percent from 2000. Yields are expected to average 2,990 pounds per acre, 207 pounds above last month and up 546 pounds from 2000. This yield, if realized, will surpass the record high of 2,883 pounds per acre set in 1984.

Production in the Southeast States (Alabama, Florida, Georgia, and South Carolina) is expected to total 2.40 billion pounds, up 9 percent from last month and 30 percent above last year's level. Yield in the four-State area is expected to average 3,143 pounds per acre, up 255 pounds from October and 750 pounds above 2000. Yield prospects in Alabama, Florida, and Georgia improved from last month, while South Carolina was unchanged. Digging progressed with few rain delays along the mid-Atlantic Coastal Plains and eastern Gulf Coast, although delays were briefly encountered in Alabama and Florida shortly after midmonth.

The Virginia-North Carolina production is forecast at 602 million pounds, up 3 percent from October and 10 percent above 2000. Yield is forecast at 3,038 pounds, up 100 pounds from last month and up 267 pounds from last year. As of November 4, the harvest in Virginia was virtually complete. Excellent harvesting conditions during September and October, following timely rains and sunny, hot conditions in August, contributed to a very good Virginia crop. North Carolina's harvest stood at 94 percent complete, 12 percentage points ahead of the 5-year average.

Southwest crop production (New Mexico, Oklahoma, and Texas) is expected to total 1.16 billion pounds, up 7 percent from last month and up 32 percent from 2000. Yields are expected to average 2,695 pounds, 171 pounds above October and 320 pounds above 2000. Late summer rains on the Texas non-irrigated crop led to the improved yield prospects. Harvest was slow in the southern Great Plains early in the month, but progressed without delay after midmonth.

Cotton: Upland cotton harvested acreage, at 13.9 million acres, is unchanged from the October estimate but 8 percent above last year. American-Pima harvested acreage, at 240,500 acres, is up 1,500 acres from October and is 42 percent above the 2000 crop season. Arizona's harvested acres increased to 7,500, based on administrative data.

In the Southeastern States, cotton picking was aided throughout October by favorable dry weather in most areas. However, harvest remained behind the 5-year average in Alabama, Georgia, and South Carolina due to a slow developing crop. Harvest progressed ahead of normal in both North Carolina and Virginia, despite a slow start in North Carolina.

Upland cotton harvest lagged behind the 5-year average in all of the Delta States during the second half of October. A slow developing crop and rain delays during the middle of October have hindered harvest, especially compared to last year's rapid pace. Despite the slower than normal harvest progress, all States had picked at least 86 percent of their acreage by November 4. Objective yield data show large boll counts in Arkansas to be the second highest since 1992. However, these counts are only slightly higher than 1994 and 1997. Mississippi's large boll counts are seventh lowest during this same period of time, while Louisiana's large boll counts are the lowest observed during the past 10 years. Boll weights in Arkansas rank as the third lightest since 1992, while Mississippi and Louisiana's boll weights are the second and fourth heaviest, respectively, in the past 10 years.

Harvest in the Southwestern States continued with only minor delays throughout October. In Texas, some producers continued to wait for a hard frost to defoliate their crop, as opposed to applying commercial defoliants. A frost during the middle of October aided some fields. Early grading of cotton from West Texas indicates that the cotton is high quality. Data from the Objective Yield Survey showed Texas' large boll counts rank the eighth lowest since 1992, while the weight per boll is the second lightest in the past 10 years.

Harvest progress of upland cotton in California and Arizona continued with few delays during October. Warm, dry weather accelerated the pace of picking in California during the second half of the month, as progress rapidly moved ahead of the 5-year average. Data from the Objective Yield Survey indicate California's count of large bolls rank as the highest since 1992, but the weight per boll is the second lightest during the same period of time.

American-Pima production is forecast at 618,000 bales, up 3,000 bales from the October forecast and up 59 percent from last year's output. The U.S. yield is estimated at a record high 1,233 pounds per harvested acre. If realized, this would be 105 pounds above the previous record established in 1999. The increase in production is entirely attributable to an increase in harvested acres in Arizona. The forecast yield in Arizona is unchanged from October.

All cotton ginned totaled 8,748,150 running bales prior to November 1, compared with 9,189,350 running bales ginned by the same date last year and 8,262,850 running bales ginned in 1999.

Lentils: Production of Lentils in 2001 is forecast at 2.93 million cwt, down 3 percent from last year but 23 percent above 1999. Acreage for harvest is forecast at 198,000 acres, down 7 percent from the previous year. Average yield is expected to be 1,480 pounds per acre, up 65 pounds from 2000.

Production in Montana, at 252,000 cwt, is up 20 percent from last year. Harvested acres were unchanged from last season, while yield increased by 200 pounds per acre to 1,200. Washington's production, at 1.28 million cwt, was up less than 1 percent from 2000. Harvested acres dropped by 6 percent to 80,000, while yield increased by 100 pounds per acre to 1,600. Idaho expects production to be 795,000 cwt, a 14 percent decrease from 2000. Harvested acres dropped by 17 percent to 53,000, while yield increased by 50 pounds per acre to 1,500. North Dakota, at 603,000 cwt, expects a 2 percent drop in production from 2000. North Dakota's harvested acres are unchanged from last year, while yield decreased by 30 pounds per acre to 1,370.

Dry Edible Peas: Production of Dry Edible Peas in 2001 is estimated at 3.80 million cwt, up 9 percent from 2000. Acreage harvested, at 193,300 acres, is 8 percent above a year ago. Average yield is expected to be 1,966 pounds per acre, up 11 pounds from last season.

The North Dakota Dry Edible Pea production is forecast at 1.74 million cwt, up 29 percent from last season. North Dakota's harvested acres, at 86,000, increased by 39 percent, while yield dropped by 150 pounds per acre from last season to 2,020. Production in Idaho is expected to be 460,000 cwt for 2001, up 1 percent from 2000. Idaho's harvested acres dropped 4 percent to 23,000, while yield increased 100 pounds per acre to 2,000. Montana expects a 35 percent increase in production to 315,000 cwt. Harvested acres in Montana dropped by 27 percent to 17,500, while yields increased by 830 pounds per acre to 1,800. Oregon's production, at 48,000 cwt, is down 52 percent from 2000. Acres for harvest in Oregon increased 20 percent to 4,800, while yield dropped by 1,500 pounds per acre to 1,000. Washington, at 1.24 million cwt, expects a 9 percent decline in production from last year. Acres for harvest dropped 5 percent to 62,000 and yield dropped by 100 pounds per acre to 2,000 pounds.

Austrian Winter Peas: Production of Austrian Winter Peas for Idaho, Montana, and Oregon in 2001 is estimated at 95,000 cwt. Acreage harvested and to be harvested for peas is forecast at 7,100 acres. Average yield is expected to be 1,338 pounds per acre.

The Idaho Austrian Winter Pea production is forecast at 68,000 cwt, up 1 percent from last year. Oregon's production forecast, at 9,000 cwt, is 50 percent above the 2000 crop. Oregon's acreage increased 50 percent, while the yield was unchanged from last season. Montana was added to the estimation program for 2001 and its production forecast of 18,000 cwt accounts for 19 percent of the U.S. crop. A drought in the primary pea growing area of Montana forced a number of growers to graze or cut their fields for hay.

Tobacco: U.S. all tobacco production is forecast at 1.06 billion pounds, 2 percent above the October 1 forecast and up 1 percent from 2000. Area for harvest in 2001 is forecast at 451,240 acres, unchanged from last month but down 4 percent from 2000. Yields for 2001 are expected to average 2,355 pounds per acre, 56 pounds higher than the October forecast and 126 pounds greater than a year ago. Yields in North Carolina, the leading tobacco producing State, are expected to average 2,519 pounds per acre, 131 pounds more than last month and 133 pounds more than last year. Kentucky, the second leading State, expects yields to average 2,258 pounds per acre, unchanged from the October forecast but 125 pounds higher than a year ago. Tobacco growers in Indiana, North Carolina, Ohio, and South Carolina expect higher yields than a month ago.

Flue-cured production is expected to total 619 million pounds, 4 percent above last month and up 3 percent from 2000. Growers plan to harvest 247,500 acres in 2001, down 1 percent from last year. Yields are forecast to average 2,501 pounds per acre, 98 pounds above the October forecast and 105 pounds more than the previous year. Yields in North Carolina, the leading flue-cured State, increased from the October forecast

as growing conditions were excellent the entire growing season. Rainfall was timely with virtually no excessively hot days or destructive tropical storms.

Burley production forecast, at 373 million pounds, is virtually unchanged from the October forecast but 3 percent above last year. Burley growers plan to harvest 174,900 acres, down 6 percent from a year ago. Yields are expected to average 2,133 pounds per acre, 6 pounds above the October forecast and up 176 pounds from 2000. Kentucky, the largest burley producing State, forecasts production to be 253 million pounds, unchanged from the October forecast but 4 percent more than last year. As of October 28, Kentucky had 31 percent of its crop stripped with mostly good quality being reported.

Fire-cured production forecast, at 40.5 million pounds, is the same as the October forecast but down 22 percent from last year. Growers plan to harvest 14,300 acres in 2001, down 18 percent from a year ago. The yield is expected to average 2,831 pounds per acre, unchanged from the October forecast but 113 pounds lower than the previous year.

All cigar production is forecast at 13.2 million pounds, the same as the October forecast but up 29 percent from last year. Growers of cigar type tobacco plan to harvest 6,920 acres, up 26 percent from a year ago. Overall, yield is expected to average 1,906 pounds per acre, unchanged from the October forecast but up 54 pounds from last year.

Dark air-cured production is expected to total 13.0 million pounds, unchanged from last month but down 19 percent from 2000. Growers plan to harvest 5,020 acres in 2001, down 10 percent from last year. Yields are forecast to average 2,592 pounds per acre, the same as the October forecast but 286 pounds below last year.

Southern Maryland Belt tobacco production is expected to total 4.05 million pounds, unchanged from the October forecast but 70 percent below the previous year. A total of 2,600 acres is expected to be harvested this year, down 69 percent from 2000. Average yields, at 1,559 pounds per acre, are the same as last month but down 36 pounds from 2000. Maryland's acreage has dropped significantly from last year due to many producers signing up for the buyout program.

Sugarbeets: Production is forecast at 25.9 million tons, 9 percent below the October 1 forecast and 20 percent below last year's production. Growers in the 12 sugarbeet-producing States harvested 1.25 million acres. This is 6 percent below the October estimate and 9 percent below last year. Acreage reductions from October were due to the PIK program. The yield is forecast at 20.7 tons per acre, 0.6 ton below October and 2.9 tons below 2000.

Aided by dry weather in the Great Plains and Pacific Coast States, the sugarbeet harvest advanced ahead of last year's pace. In the Red River Valley, progress exceeded the 5-year average due to favorable piling temperatures. In Minnesota and North Dakota, yields were lower than expected due to a large Lygus bug infestation and root rot disease. Yields were also affected by mid-season hail storms and strong winds that shredded the vegetative canopy in numerous fields. Harvest progressed without delay in California and was complete in the Imperial Valley by the end of the month. In Idaho, wet weather and above-normal temperatures delayed harvest early in the month and rain frequently interrupted progress in Michigan after midmonth.

Sugarcane: Production is forecast at 36.1 million tons, 1 percent below the October forecast and fractionally below last year's record high. Sugarcane growers intend to harvest a record high 1.03 million acres for sugar and seed during the 2001 crop year. This is unchanged from the previous month, but slightly higher than last year's harvested acres. Yield is forecast at 35.0 tons per acre, down 0.5 ton from the October 1 forecast and 0.2 ton below last year's yield.

Louisiana's harvested acreage is down 1 percent from last year's record acreage, the first year-to-year decline since 1996. The yield forecast in Louisiana fell 1 ton from October, but is still the second highest on record, 0.8 ton below the 1999 record. Harvest began near midmonth in Florida, but progress was frequently interrupted by rain. Ideal weather aided harvest in Louisiana and Texas, and harvest remained active in Hawaii.

Papayas: Hawaii fresh papaya utilization is estimated at 4.82 million pounds for October, 23 percent higher than last month and 13 percent more than October 2000. Area in crop was unchanged from last month, at 2,690 acres, but 1 percent less than a year ago. Harvested acreage, at 1,925 acres, was also unchanged from

September but 14 percent higher than last October. Weather conditions during October were variable with sunshine and showers over major papaya producing areas. Routine field inspections and tree rogueing have kept losses from papaya ringspot virus light.

Fall Potatoes: Production of fall potatoes for 2001 is forecast at 401 million cwt, down 14 percent from last year and the smallest fall crop since 1993. Area harvested, at 1.09 million acres, is down 8 percent from last year. The average yield is forecast at 367 cwt per acre, a drop of 25 cwt from last year.

After a record high production last year, the fall potato crop is smaller in 20 of the 22 fall producing States. Only Indiana and Massachusetts have larger crops this year. Shortages of irrigation water severely reduced acreage in the Klamath Basin of California and Oregon. Hot, dry weather stretched across the north central States and to the east coast during midsummer but abated as rains came the last of August. Most States reported reduced yields from the hot weather when compared with the record high yields a year ago. Disease problems were held to a minimum. Harvest was completed on time with little or no major problem.

Total U. S. potato production in 2001 from all four seasons is estimated at 442 million cwt, down 14 percent from last year. Harvested acreage, at 1.24 million acres, is down 8 percent from last year. Yields, averaging 357 cwt per acre, are down 24 cwt from last year.

Five Eastern States produced 26.1 million cwt of fall potatoes in 2001, down 7 percent from last year. Area for harvest totaled 102,100 acres, 1 percent above last year, but the average yield fell to 256 cwt per acre, 22 cwt below last year. Production in Maine and Pennsylvania each dropped 10 percent from last year. New York declined slightly, and Rhode Island is off 2 percent. Massachusetts is up 14 percent.

Eight Central States' production is forecast at 102 million cwt this year, down 7 percent from last year. Harvested area is estimated at 325,000 acres, down 3 percent, while the average yield of 313 cwt per acre is off 14 cwt from a year ago. The Nebraska potato crop is down 16 percent from last year and South Dakota output is cut by more than half. Production in Minnesota is down 9 percent from last year and North Dakota fell 5 percent with declines in both acreage and yields. Wisconsin dropped 5 percent, while Michigan is down 6 percent with lower yields reported. The only central State with better production than last year is Indiana, which is up 18 percent because of ideal growing conditions and a 4 percent increase in harvested acres.

Ten Western States produced 273 million cwt of potatoes in 2001, down 17 percent from last year. Acreage harvested, at 664,300 acres, is down 12 percent and the average yield, at 411 cwt per acre, fell 25 cwt from a year ago. The lack of irrigation water dropped California fall potato production by 70 percent and Oregon by 32 percent from last year. Idaho's production is 16 percent below last year's record high crop. Washington's potato crop declined 10 percent. Fall production in Colorado fell 24 percent, while Nevada dropped 30 percent. Utah's production is down 21 percent from a year ago. Montana's production is trimmed by 13 percent.

Florida Citrus: Rainfall throughout Florida's citrus belt was variable during October. Many coastal and southern citrus producing counties recorded above average precipitation, but the central and upper interior counties received less than average levels of moisture. Temperatures were generally below average for the month which helped slow the formation of new growth. However, new crop fruit has continued to make very good progress. Most early types of fruit are showing very good on-tree color break. Hamlin, Navel, and Ambersweet oranges along with white and colored grapefruit, tangerines, and a few K-Early Citrus Fruit have been shipped during the month. A few processors are receiving packinghouse eliminations. By the end of October, several juice plants were taking field run oranges and grapefruit. Caretakers have been very active cutting cover crops, spraying, pushing out dead trees, and burning grove debris. A few growers are planting resets in older groves.

California Citrus: Picking of the 2000-01 Valencia orange crop was active in central and southern California. The harvest of the 2001-02 Navel oranges began during October. Lemon picking remained active in the Coachella Valley. Grapefruit harvest slowed in Riverside County and in the desert.

California Noncitrus Fruits and Nuts: During October, fruit growers performed cultural activities that included weed control, fungicide application, and irrigation of trees and vines. Harvest of grapes for fresh use continued in the San Joaquin Valley. Wine grape picking was active throughout the month. The raisin grape harvest was virtually complete and most of the crop was in bins or being processed by the end of October. The season's final irrigation was underway in many grape vineyards.

Stone fruit harvesting continued at a reduced pace through mid-October. Last Chance freestone peaches and various varieties of plums were picked. Harvest activity continued on apples, figs, olives, and kiwifruit. Almond harvest continued and was nearly completed by month's end. Postharvest pruning was active in some areas. Late variety walnut and pistachio harvests remained active. Pecan growers were preparing their orchards for harvest. Tulare County strawberry fields were in full bloom.

Reliability of November 1 Crop Production Forecast

Survey Procedures: Objective Yield and farm operator surveys were conducted between October 25 and November 5 to gather information on expected yield as of November 1. The Objective Yield Surveys for corn, cotton, and soybeans were conducted in the major producing States that usually account for about 75 percent of the U.S. production. Randomly selected plots were revisited to make current counts. The items counted within the selected plots depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other measurements that provide information to forecast the number of ears, bolls, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The five-year average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail and personal interviewers. Approximately 13,400 producers were interviewed during the survey period and asked questions about probable yield.

Estimating Procedures: National and State level objective yield and grower reported data were reviewed for reasonableness and consistency with historical estimates. The survey data were also reviewed considering weather patterns and crop progress compared to previous months and previous years. Each State Statistical Office submitted their analysis of the current situation to the Agricultural Statistics Board (ASB). The ASB used the survey data and the State analysis to prepare the published November 1 forecast.

Revision Policy: The November 1 production forecast will not be revised; instead a new forecast will be made each month throughout the growing season. End-of-season estimates are made after harvest. At the end of the marketing year administrative records and a balance sheet are utilized using carryover stocks, production, exports, processing, feeding, and ending stocks. Revisions are then made if the data relationships warrant changes. Harvested acres may be revised any time a production forecast is made if there is strong evidence that the intended harvested area has changed since the last estimate.

Reliability: To assist users in evaluating the reliability of the November 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the November 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the 1981-2000 twenty-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years. For example, the "Root Mean Square Error" for the November 1 corn for grain production forecast is 1.6 percent. This means that chances are 2 out of 3 that the current production forecast will not be above or below the final estimate by more than 1.6 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 2.8 percent.

Also, shown in the following table is a 20-year record for selected crops of the differences between the November 1 forecast and the final estimates. Using corn again as an example, changes between the November 1 forecast and the final estimate during the past 20 years have averaged 83 million bushels, ranging from 1 million to 258 million bushels. The November 1 forecast has been below the final estimate 9 times and above 11 times. This does not imply that the November 1 corn forecast this year is likely to understate or overstate final production.

Reliability of November 1 Crop Production Forecasts

Crop	Unit	Root Mean Square Error		20-Year Record of Differences Between Forecast and Final Estimate				
		Percent	90 Percent Confidence Interval	Quantity			Years	
				Average	Smallest	Largest	Below Final	Above Final
				Million	*Million*	*Million*	*Number*	*Number*
Corn For Grain	Bu	1.6	2.8	83	1	258	9	11
Sorghum for Grain	Bu	4.5	7.8	18	0	86	9	10
Rice	Cwt	2.3	3.9	3	0	12	12	8
Soybeans for Beans	Bu	2.5	4.2	37	7	109	6	14
Cotton [1]	Bales	2.9	5.0	356	14	937	12	8
Fall Potatoes	Cwt	2.1	3.6	6	1	16	19	1

[1] Quantity is in thousands of units.

Information Contacts

Listed below are the commodity specialists in the Crops Branch of the National Agricultural Statistics Service to contact for additional information.

Mark Harris, Chief	(202) 720-2127
Field Crops Section	
Greg Thessen, Head	(202) 720-2127
Rhonda Brandt - Corn, Proso Millet	(202) 720-9526
Herman Ellison - Soybeans, Minor Oilseeds	(202) 720-7369
Lance Honig - Wheat, Rye	(202) 720-8068
Jay V. Johnson - Cotton, Cotton Ginnings	(202) 720-5944
Roy Karkosh - Hay, Sorghum, Barley	(202) 690-3234
Mark E. Miller - Oats, Sugar Crops, Weekly Crop Weather	(202) 720-7621
Mark R. Miller - Peanuts, Rice	(202) 720-7688
Fruit, Vegetable & Special Crops Section	
Jim Smith, Head	(202) 720-2127
Arvin Budge - Dry Beans, Potatoes, Sweet Potatoes	(202) 720-4285
Dave DeWalt - Citrus, Nuts, Tropical Fruits	(202) 720-5412
Debbie Flippin - Fresh Vegetables, Mushrooms	(202) 720-3250
Steve Gunn - Apples, Cherries, Cranberries, Prunes, Plums	(202) 720-4288
Jim Smith - Noncitrus Fruits, Mint, Dry Peas	(202) 720-2127
Darin Jantzi - Berries, Grapes, Maple Syrup, Tobacco	(202) 720-7235
Kim Ritchie - Hops	(360) 902-1940
Betty Johnston - Nuts, Floriculture, Nursery	(202) 720-4215
Biz Wallingsford - Processing Vegetables, Onions, Strawberries	(202) 720-2157

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